



LIVES NEAR THE
AUTHORITY FOR
CAR WILL PROBABLY
FALL.

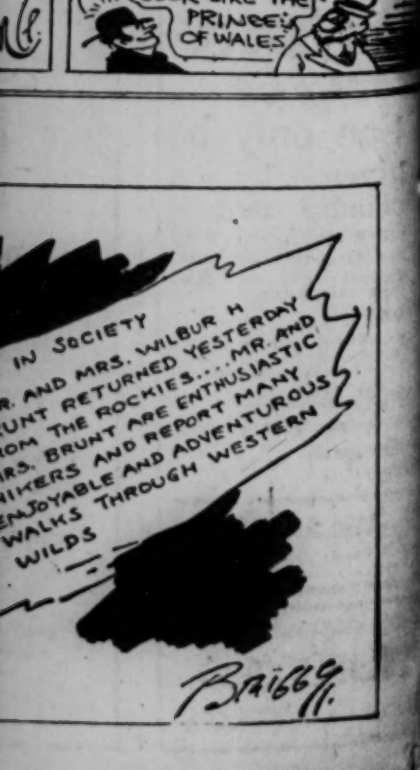
TRY—By BUD FISHER



AND HERE'S A LITTLE LESSON
IN ARITHMETIC—AT TWO TO
ONE YOU STOOD TO WIN TWO
HUNDRED BUCKS! AT EIGHT
TO FIVE YOU STAND TO WIN
ONLY \$160. GET IT?



NUMBER, PLEASE?



IN SOCIETY
MR. AND MRS. WILBUR H.
WILBURS RETURNED YESTERDAY
FROM THE ROCKIES. MR. AND
MRS. WILBURS ARE ENTHUSIASTIC
HUNTERS AND REPORT THEY
WALKED THROUGH WESTERN
WILDS.

GIANTS LEAD THE SENATORS, 2 TO 0, AFTER 4 1-2 INNINGS KELLY AND TERRY HIT HOME RUNS OFF JOHNSON; NEHF PITCHES FOR NEW YORK

ENGINEER IS KILLED, TEN HURT IN WRECK DUE TO DESIGN

Switch Lock Found Sawed
Off and Lights Removed
After Disaster Near Aviston, Ill.

NEGRO SOUGHT AS SUSPECT IN CASE

B. & O. Passenger Train
From St. Louis Strikes
the Open Switch—Eight
Cars Derailed.

Someone who maliciously sawed
off a lock and opened a switch on
the Baltimore & Ohio main line
near Aviston, Ill., 40 miles east of
St. Louis, wrecked last passenger
train No. 12, which departed from
Union Station at 9:30 o'clock last
night for Cincinnati. The engineer
was killed; nine passengers and
the fireman were injured.

A number of St. Louisans,
as they way to witness the
Pulitzer air race today at Dayton,
were in a special car which
was not derailed. They were
shaken up, but none was hurt.
With other uninjured passengers
they assisted in the removal of
injured women and children.
The wreck made it impos-
sible for them to reach Dayton in
time for the Pulitzer race, so they
returned to St. Louis.

A posse of railroad officials
and deputies under Sheriff Hagen
of Clinton County is searching for
a negro, armed with a crow bar,
who threatened a brakeman at
the switch at 9:30 p. m., when the
brakeman, who was on another
train, got off to throw the switch.
The wreck occurred at 10:47 p. m.,
one mile west of Aviston.

After the wreck, it was discov-
ered the switch lock had been
sawed off, and the switch thrown
open. The lock had been thrown
into a nearby ditch, together with
the switch lights. The negro had
disappeared.

Negro Sought as Suspect.
The negro suspect was carrying
a sack over a shoulder, and the
crowbar in a hand. He was about
5 feet, 7 inches tall, about 175
pounds in weight. No motive, ex-
cept that he might have been put
off a train, was apparent.

When the train, traveling about
50 miles an hour, struck the open
switch the locomotive, tender and
the first three sleeping cars left
the track, three sleeping cars in the
rear remaining on the rails. Some
of the derailed cars were dragged
by the locomotive and scraped
against one side of the cut through
which the train was passing.

The engineer, Carl Van Allman,
was caught between the engine and
the tender and his skull was frac-
tured, causing death. He was 45
years old, married and resided at
Washington, Ind. He had been a
railroad worker for about 25 years.

Fireman in Serious Condition.
The fireman, Lon Purcell, 31, of
Washington, is in a serious condi-
tion at St. Mary's Hospital, East
St. Louis, with a dislocated right
shoulder, left ankle sprained and
numerous cuts and bruises.

"I was shoveling coal and the
first thing I knew the engine
lurching, then slowed up, and coal
from the tender began rolling
against the boiler head," Purcell
related to a Post-Dispatch report-
er. I jumped to the top of the coal
pile and when the tender turned
over I was thrown clear, about 20
feet away.

"I hadn't looked at the speed in-
dicator for some time, but we were
on time and the train usually goes
50 miles at that point."

St. Louisans Aid Injured.
After recovering from the jolt of
the wreck, the St. Louisans in the
special car set out to view the
damage and assist the injured. A
group led by Robert C. Newman, an
insurance salesman, rescued the in-
jured fireman. He was aided by
David Leavitt, Arthur Birge, who
was general manager of the na-
tional air races here last year, and
Samuel M. Blaky, vice president of
the State National Bank. Next they
crowded into the wreckage of the
locomotive and tender, and, with a
porter's assistance, extricated the
engineer's body.

Other St. Louisans in the special
wreck were former Mayor Fred

CONVICTED AS RESULT OF BANK FAILURE



E. L. SANFORD.

DEAD AND INJURED IN AVISTON WRECK

The list of dead and injured in
the wreck of the B. & O. passenger
train near Aviston as given out to-
day at divisional headquarters at
Washington, Ind., follows:
Dead:
Carl Van Allman, Washington,
Ind.
Seriously injured:
Lon Purcell, Washington, Ind.
Slightly injured:
Mrs. Annie Shassee, 2401
North Taylor avenue, St. Louis,
right arm and leg injured.
H. H. Alvord, 649 Prospect ave-
nue, St. Louis, foot injured.
Mr. and Mrs. James Gray, Aviston,
Ill.
P. Anna and Emma Conrad,
Carlin, Ill.
Ennis Lee, Winslow, Ark.
Miss Alice Bennett, Cincinnati,
O.

BATTLE FOR SHANGHAI IS HALTED BY RAIN

Rebels Claim to Have Bombed
Peking Government's Barracks
and Trains.
SHANGHAI, Oct. 4.—A drench-
ing rain along the battle fronts
south and west of Shanghai where
armies of rival provincial military
Governors are fighting for pos-
session of this city, halted firing to-
day, although sporadic outbursts
continued in the Sunghiang dis-
trict, 35 miles southwest of here,
where an intensive engagement
took place yesterday.

By the Associated Press.
TOKIO, Oct. 4.—A communique
issued by Chang Tso-Lin in Muk-
den says his airplanes raided the
Peking Government army's line be-
tween Shanhai-kwan, on the Ma-
churian-Chihli border and Changli,
a town on the Peking-Mukden Rail-
way south of the border, causing
serious losses. It is claimed by
the communique, says the Mukden
correspondent of the Kokusai
News Agency, that the airplanes
bombed barracks and military
trains.

Three Die Driving in Fog.
By the Associated Press.
KEARNEY, N. J., Oct. 4.—
Three persons were killed and
three were injured in an automo-
bile accident here yesterday. The
engineer, Carl Van Allman, was
killed and his skull was frac-
tured, causing death. He was 45
years old, married and resided at
Washington, Ind. He had been a
railroad worker for about 25 years.

In Tomorrow's Sunday Post-Dispatch

Railroad Gives Official Leave on
Full Pay to Fight Murder
Charge—Extraordinary cir-
cumstances develop from dis-
covery of woman's skeleton in
cellar of house he occupied, and
he and his wife now are
charged with doing away with
her nine years ago.

\$150,000 Jewel Theft at House
Where Wales Was Guest Still a
Baffling Mystery—One of series
of great gem robberies, the Ma-
churian-Chihli border and Changli,
a town on the Peking-Mukden Rail-
way south of the border, causing
serious losses. It is claimed by
the communique, says the Mukden
correspondent of the Kokusai
News Agency, that the airplanes
bombed barracks and military
trains.

Rich Youth Kills Lawyer to Pre-
vent Him From Taking "Fam-
ily Skeleton" to Court—
Fight over Texas will result in
tragedy when son shoots
author of brief that he de-
clares, insulted his mother.

How Great Britain Plans to Put
the Moon to Work—Use of
tidewater for generating power
would be the world's big-
gest engineering project. Pre-
liminary expenditure of almost
\$500,000 has been authorized.

Facts and Theories About Your
Health—Plain topics and sim-
ple language in these selections
from current medical discus-
sion. Do you know the proper
way to eat uncooked fruit?

Order Your Copy Today

FOUR YEARS FOR HEAD OF DEFUNCT HOLLAND BANK

E. L. Sanford Convicted of
Accepting Deposits When
He Knew Bank Was in
Failing Condition.

INSTITUTION WAS AT SPRINGFIELD, MO.

Plea of Defense Was That
President Acted Only
Through Desire of Pre-
venting Crash.

By the Associated Press.
WARSAW, Mo., Oct. 4.—A jury
in the Benton County Circuit
Court here last night found E. L.
Sanford, former president of the
defunct Holland Banking Co. of
Springfield, guilty of having ac-
cepted deposits when the institu-
tion was known to him to be in a
failing condition, and sentenced
him to serve four years in the peni-
tentiary.

Motion for a new trial immedi-
ately was filed by attorneys for
the defense. The jury was out
four hours.

The presentation of evidence on
the part of the State and the de-
fense was concluded Thursday
night, and the arguments of at-
torneys began at the session yester-
day morning immediately after
instructions had been given by
Judge Calverd. Roscoe C. Pat-
terson, former member of Congress
and appointed to represent the At-
torney General, opened the argu-
ment for the prosecution. Walter
Owen of Clinton made the opening
argument for the defense. W. F.
Jackson of Warsaw then spoke for
the prosecution. Following his ad-
dress, O. E. Gorman of Springfield
and Henry Lay of Warsaw spoke
for the defense.

Closing Argument for State.
The closing argument, on behalf
of the State, was made by Harold
T. Lincoln of Springfield, Prosecu-
ting Attorney of Greene County.

The attorneys sought to em-
phasize facts brought out in the
interest of their respective sides.
The State contended that the evi-
dence introduced during the trial
showed that Sanford had known
of the failing condition of the
bank, and the defense contended
that the defendant was not in-
spired by motives of personal gain,
but had been influenced only by a
desire to save the bank, when de-
posits had been received shortly
before the bank closed its doors.

The case in which the verdict of
the jury was returned last night re-
sulted from the closing of the doors
of the Holland Banking Co. in
Springfield on Jan. 15 last. Follow-
ing a run on the bank, continuing
through several days, the officers
of the bank decided to place the
institution in the hands of the
State Finance Commissioner.

This step was taken according
to officers of the bank, when it
appeared that the run on the bank
was demanding more money than
could be provided if the legal re-
serve was maintained.

Effort to Refinance Bank.
Immediately after the doors of
the bank were closed, an effort to
finance the institution was made by
Springfield men, who made a trip
to St. Louis and Kansas City to ob-
tain funds for the reopening of the
bank.

With the funds for the reopening
in sight, it was said, criticism on
the part of Springfield men of
means caused an abandonment of
the proposed reorganization and
the matter of adjustment of the
bank's affairs was left to the ac-
tion of a committee representing
larger depositors and the State Fi-
nance Commissioner.

The next step was the convening
of a grand jury by Judge Orin Pat-
terson, for service during the
March term of the Greene County
Criminal Court. This grand jury
returned indictments against San-
ford and other officials of the bank.

Other Charges Pending.
Charges against Sanford included
both the receiving of deposits
when the bank was in failing con-
dition, and the forgery of names of
Springfield men on notes listed
among the securities of the bank.

The trial at Warsaw was the
first of those in which an official
of the bank was charged with mis-
conduct in connection with the
failure of the institution.

U. S. DRY AGENTS SEIZE BRITISH SHIP AND CARGO

Steamer Frederick B. With
Crew of 30, Towed Into
New York With \$500,000
Load of Liquor Aboard.

RUM RUNNER ONE OF FOUR IN PLOT

Evidence Is Complete, De-
partment Officials Say;
International Smuggling
Conspiracy Alleged.

By the Associated Press.
NEW YORK, Oct. 4.—Prohibi-
tion officials claimed to have un-
covered a gigantic Anglo-American
rum running conspiracy when they
towed into harbor today the twin
screw British steamer Frederick
B. with its crew of 28 men and two
women under armed guard, and
with a \$500,000 liquor cargo aboard.

Five special Government agents,
under leadership of William A.
Walker, of Washington, general
field superintendent of the dry
forces, made the capture after they
had, according to Walker, dickered
for the purchase of 25,000 cases of
whisky from the vessel's master,
paying \$100,000 in currency and
checks for the contraband Bankers
in this country, England and
Canada were concerned in the
conspiracy, Walker said.

Vessels Under Heavy Guard.
The Frederick B. of 196 tons
was seized 15 miles off Monmouth
Beach yesterday, after an investi-
gation of three months. She was
brought into harbor under a heavy
guard. Coast guard officials, who
made the seizure under Walker's
instructions, said details of the in-
ternational plot would be made
known after the prisoners had been
taken before the United States Dis-
trict Attorney.

The Federal operatives said they
were convinced the Frederick B.
was one of four rum ships oper-
ated by a band of international rum-
smuggling conspirators. Three other
ships of the "Rum line" were
said, have landed between 75,000
and 100,000 cases of whisky and
other liquors in the United States
in the last seven months.

Evidence in Case Complete, De- partment of Justice Announces.

WASHINGTON, Oct. 4.—Evi-
dence in the case of the seized
British steamer Frederick B. is
complete, Mrs. Mabel Walker Wil-
brandt, Assistant Attorney Gen-
eral, in charge of prohibition viola-
tions announced today. She de-
clared the Department of Justice
was ready to begin prosecution im-
mediately.

Mrs. Wilbrandt declined to dis-
cuss the evidence in the case or
the persons involved, but asserted
that several surprises would be
revealed later. She said the seizure
of the Frederick B. constitutes
the best example of co-
operation between the customs
service, the prohibition unit and
Department of Justice officials.

CLOUDY TONIGHT AND TOMORROW; SHOWERS

THE TEMPERATURES.
1 a. m. 64 8 a. m. 64
2 a. m. 65 9 a. m. 66
3 a. m. 66 10 a. m. 70
4 a. m. 67 11 a. m. 72
5 a. m. 68 Noon 74
6 a. m. 69 1 p. m. 75
7 a. m. 61

Highest yesterday, 74, at 2 p. m.;
lowest, 52, at 6:30 a. m.

Official fore-
cast for St. Louis
Partly cloudy to-
night and Sun-
day, probably
with occasional
showers; prob-
ably some
rain; cooler Sun-
day in west and
north portions.

Illinois: Unset-
tled tonight and
Sunday; prob-
ably cloudy to-
night and Sun-
day; probably
occasional show-
ers; slightly
warmer in cen-
tral portion.

Sun rises at 6:01 a. m., sets at
4:40 p. m.

FOUR ENTRANTS IN PULITZER AIR RACE TODAY

Pilots Do Not Expect to
Beat Record Made in
St. Louis by Lieut.
Williams.

DAZZLING DISPLAY OF NIGHT FLYING

Rockets and Bombs Un-
loaded Over Dayton, and
Meteor-Like Plane Writes
in the Sky.

By PAUL Y. ANDERSON,
A Staff Correspondent of the Post-
Dispatch.
WILBUR WRIGHT FIELD,
DAYTON, O., Oct. 4.—The supreme
event of the international air races,
the world's speed classic for the
Pulitzer trophy, brought out a
record attending with vehicles at 9
o'clock that intermittently threatened
rain.

Although the first event of the
day did not start until 11 o'clock,
the roads leading out of Dayton
were jammed with vehicles at 9
o'clock, and not less than 20,000
persons were on the scene an hour
before the program opened.

After two days of shining skies
and keen breezes, it appeared that
the generosity of the weather spirit
had been exhausted. The dawn
was sullen and threatening, and the
sun did not appear until 10 o'clock.
Then, however, the skies were
clearing, and the danger seemed
past.

Today's program started late,
and pilots of the army pursuit
groups entertained the crowd with
stirring acrobatics. The first event
on the program was another race
between the army and navy pilots,
instructions, said details of the in-
ternational plot would be made
known after the prisoners had been
taken before the United States Dis-
trict Attorney.

World Flyers on Hand.

While the Pulitzer trophy race,
as usual held the center of inter-
est, other features of unusual in-
terest were scheduled. One of these
was the arrival of the world flyers,
Lieutenants Smith, Nelson and
Vada, who were to alight in the
field at 2 o'clock. Another was the
arrival of Lieut. Oakley and the
33-year-old trail blazer, Ezra
Meeker, from Oregon. The day
will conclude with the spectacular
destruction of the miniature New
York which has been erected on
the field for a bombing demon-
stration.

Four in Pulitzer Race.

A new entry in the Pulitzer race
was announced today. It was that
of Lieut. Rex K. Stoner of Langley
field, Va., flying an improved
Curtiss army pursuit plane. The
other entries are: Capt. Bert E.
Skeel of Selfridge field, Mich.,
with a Curtiss R-6 racer; Lieut.
Wendell H. Brookley of McCook
field, Va., also in a Curtiss
R-6 racer; and Lieut. H. H. Mills
of Wilbur Wright field, in a Ver-
ville-Sperry monoplane.

Inquiry among pilots and me-
chanicians discloses that there is
virtually no hope among them that
the record of 243.68 miles per
hour, established at St. Louis last
year by Lieut. A. J. Williams, will
be broken here. Lieut. Alexander
Pearson was killed two weeks ago
in the plane which Williams flew
at St. Louis, and which had been
repaired upon to establish a new re-
cord in this race. The plane was
wrecked. Pilots say that none of
the ship entered in today's race
can equal Williams' record.

When it won last year's race,
this plane belonged to the navy.
Later it was sold to the army, and
was flown by Lieut. Pearson. It
was Pearson was driving it at the
rate of 260 miles an hour when it
crashed.

It was not believed among the
pilots that Lieut. Stoner had much
chance. He had difficulty in qual-
ifying his ship at a speed of 175
miles an hour, which is necessary
to enter. Opinion was that it was
an evenly matched race between
Skeel, Mills and Brookley.

All Lose Mosquito Race.
Four planes started in the "mos-
quito" race today. The 18-horse-
power craft built and piloted by
E. B. Heath and equipped with a
Thor motor, never left the field.
It rose to an altitude of about 20
feet, wobbled along for 200 yards
and then did a nose dive, turning
completely over on its back. Heath
pushed it off him and righted it.

Continued on Page 3, Column 2.

PRESIDENT FOR COVENANTS TO PREVENT WAR

Addressing Veterans He
Says Treaties Must Con-
form to U. S. Policy of
Independence.

'NO OTHER POWER CAN MAKE UP OUR MIND'

Rights of People, Protected
by Courts, Should Not Be
Exposed to Partisan Ac-
tion.

By the Associated Press.
WASHINGTON, Oct. 4.—In the
presence of veterans of the First
Division of the American Expedi-
tionary Forces, President Coolidge
dedicated a monument to their
dead here today as "a lesson of
the supreme blessing of peace with
honor, a symbol of stern warning."
The peace now established must
be nourished, the President de-
clared, in this country in inter-
national relations. The Constitution
itself must be defended, he
said, to preserve individual free-
dom through noninterference with
the courts, and fair opportunity to
the prevention of Government
monopolies in business.

While recalling his wish for
American membership in the World
Court and further disarmament,
the President, in reference to
the country's international rela-
tions, "that we do not propose to
entrust to any other power or com-
bination of powers any authority
to make up our own mind for us."
Thousands of veterans of the
world war were gathered at the
base of the newly erected monu-
ment near the White House, while
Brigadier-General Frank Parker
joined with the President in pre-
siding the part played by the First Di-
vision in the war.

Tracing the history of the divi-
sion "the first to enter France and
the last to leave Germany," Mr.
Coolidge recalled its 5516 deaths
and 17,000 wounded, its part in the
battles at Somerville sector, Sois-
sons, St. Mihiel and finally in the
Argonne.

"The little that I can say," he
added, "in commendation of your
devotion is but a slight sug-
gestion of what is deserved. Every
unit of the American Army, whether
at home or abroad, richly merits
its own full measure of recognition.
They shrank from no toil, no dan-
ger and no hardships that the lib-
erties of our country might ade-
quately be defended and pre-
served."

Obligation to Veterans.

Discussing the nation's obligations
to its war veterans, the President
reiterated that its first duty was
the care of the disabled and de-
pendents.

For these, he declared, the Gov-
ernment had been most liberal,
mentioning the hospitalization pro-
gram, the rehabilitation furnished
to 40,000 veterans now and \$0,000
others "who have completed these
courses and have been placed in
profitable employment," and the
pension laws for widows and
mothers.

The nation has appropriated
about \$300,000,000 for veterans of
the World War and is spending
about \$100,000,000 annually for
veterans of the Civil War. Mr.
Coolidge said, but added that the
abiding honor which America be-
stows upon its loyal defenders
cannot be measured in money."

"We want to see the allies paid,"
he continued, "we want to see Ger-
many restored to a condition of
productivity and progress, under
which she will be able to take up
the burden of civilization. . . .
Settlement of Peace Necessary.
"I am in favor of treaties and
covenants conforming to the
principles of the Constitution."

Continued on Page 3, Column 2.

WASHINGTON HURLER FALLS THREE BATTERS IN FOURTH FRAME

With Good Baseball Weather, Wash-
ington Park Is Crowded to Its
Capacity of 37,000—Handclapping
Greets New York Team.

1	2	3	4	5	6	7	8	9	T.	H.	E.
NEW YORK—	0	1	0	1	0						
WASHINGTON—	0	0	0	0							

By J. Roy Stockton,
Of the Post-Dispatch Sport Staff.
WASHINGTON, Oct. 4.—Washington's baseball hordes turned
out early today to try to jam as many persons as possible into
the Griffith Stadium to see the opening game of the world's series,
between the Senators and New York Giants, the first baseball contest
in four years in which a team not wearing a New York uniform has
been engaged.

The stands, enlarged for the oc-
casion, had a seating capacity of
approximately 37,000, and there
were 100,000 persons in the capital
today who wanted to see the series
between the Senators and Giants.
The batteries were Johnson and
Ruel for Washington, Neff and
Gowdy for New York.

The skies were cloudy when play
began but the temperature was
ideal for baseball and the stadium
was filled to its capacity.
Rush Seats Filled Early.
Two hours before game time the
few rush seats were packed. There
were said to be 2500 of them but
from the press box in the upper
deck the throng appeared to be only
a few hundred strong. In left field
for the three games here
the fielders were Johnson, Neff and
Gowdy for New York.

Scalpels who found some diffi-
culty getting high prices yesterday
had no difficulty today. A pair of
seats for the three games here
readily brought \$75 and by noon
the scalpels could have obtained
\$100.

An elevator boy in the press
box mentioned that he had a ticket
for each game and would sell for
\$50. He was nearly
mobbed and the prospective buyers
pleaded that he dig up more.

Altrock and Schacht Shone.
Nick Altrock and Al Schacht, reg-
ular features at world's series, were
in their glory today. Heretofore
they were hired outsiders but to-
day their own team was playing in
the great baseball classic and there
was more pep than usual in their
anticipation as they led the band around
the field and gave a concert for
the early arrivals.

The Senators went through bat-
ting practice calmly. There was a
mixture of aplomb as the men
appeared and as each took his
turn at bat he was given an indi-
vidual ovation.

McNeely and Leibold appeared
in the lead off position in batting
practice and McNeely, who helped
out greatly in the late stretches of
the pennant fight, was cheered.

Applause for Giants.

After the Senators in their splik
and span white uniforms had gone
through their batting practice, the
Giants took the field. There was
no spontaneous burst of applause
for the four-time champions of the
National League, but as the band
struck up "The Sidewalks of New
York," there was some handclap-
ping.

A wag in the stands confided to
his friend that when Dolan and
O'Connell appeared the band would
play the "Big Heads of New York."
Another humorist among the tele-
graph operators confided that Jim-
my O'Connell had received a wire
this morning from A. B. Fall, ex-
tending condolences and wishing
play the "Big Heads of New York."
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tending condolences and wishing
play the "Big Heads of New York."

Continued on Page 3, Column 2.



Miss Faust Wins District Golf Honors, Defeating Miss Pep, 1 Up in 20 Holes

Country Club Star Gains Victory After Defending Title Holder Had Squared Match on 18th Green—Miss Pep Has 83 for First 18.

By Dent McKimming, Of the Post-Dispatch Sport Staff.

GLEN ECHO COUNTRY CLUB, Oct. 4.—A new woman district golf champion was crowned here today when Miss Audrey Faust of the St. Louis Country Club defeated the former champion, Miss Virginia Pep of Triple A, 1 up in 20 holes.

The match was one of the closest and the display of golf the most brilliant that has been witnessed in a St. Louis district tournament in many years. Miss Pep apparently better going to the seventh hole when she was on an eagle 1 and then squared the match on the eighteenth when she sank a two-foot putt for a birdie four.

A gallery estimated at 300 followed the match, and sentiment appeared to be evenly divided. Applause was generous and frequent for both women made many remarkable shots.

Miss Faust at Her Best.

Miss Faust shot her best golf of the tournament, turning in an 85, two over women's par, for the 18 holes and Miss Pep was even better, equalling par, 83.

Miss Faust took the lead on the third hole and Miss Pep was forced to fight an uphill battle thereafter. She did not equalize matters until she reached the eighteenth green, and her fine display of determination won the admiration of the gallery.

Her eight-foot putt on the sixteenth green enabled her to halve the hole and her 10-foot putt on the seventeenth won that hole. This was one of the best shots of the day.

Miss Pep Misses Putt.

Going to No. 1 to continue to the extra hole match, Miss Faust's drive was eight yards longer than the champion's and her second was on the edge of the green. Miss Pep's within two feet of the cup.

Miss Faust's first putt was weak, but Miss Pep was still away. Her putt stopped on the edge of the cup and when Miss Faust missed her 12-inch putt, the hole was halved in five.

Miss Faust won the match and championship by taking only one putt on the twentieth green, winning the hole five to six. The drives were about even but Miss Pep was within six feet of the pin with her third while Miss Faust was at the edge of the green. Miss Faust bravely chipped the ball rather than putt, shooting up hill. Miss Pep missed her six-foot putt and then a one-footer.

The Cards.

Miss Pep..... 85
Miss Faust..... 83

Match by Hole Account.

Both drove well on the 282-yard first, Miss Faust getting 30 yards more distance. Miss Pep topped her second and was short of the green, while Miss Faust pitched to within four yards of the hole. Miss Pep's third was five feet from the hole and Miss Faust was short. With her first putt, Miss Faust missed her short putt for a four and the hole was halved in five.

By sinking an eight-foot putt around a partial styrie, Miss Faust halved the second hole in five.

Miss Faust again had the longer drive by about 50 yards. Miss Faust's brains shot just stopped on the edge of the bunker, while Miss Faust reached the edge of the green. Miss Faust missed an easy putt which would have given her the hole in four and then Miss Pep sank her eight-footer.

Miss Faust Takes Lead.

Miss Faust went into the lead on the third, a 77-yard hole, which she made in a birdie four. Miss Pep had the better drive and both were short in their second hole. Both were on in three. Miss Pep's second putt was a 10-foot putt, giving her a two-up lead.

Miss Faust went three up, making the par four hole in three. A beautiful drive by Miss Faust on the green in one and she took two putts. Miss Pep topped her drive and thus lost her chance to halve the hole.

They halved the short sixth in three. Both drives were on the green and both were weak with their first putt, fearful of hitting hard and rolling down hill off the green. Both sank four-foot putts for four.

Miss Pep sinks 10-Foot Putt.

A remarkable 10-foot putt ended Miss Pep to win the 477-yard seventh in a par five, cutting opponent's lead to two up. Miss Faust's drive was on the green and she sank a second putt, Miss Faust going in the

18-Year-Old Boy Who Gets Chance In Title Series



FRED LINDSTROM.

Fred Lindstrom Youngest Player on Either World's Championship Team.

Upon the shoulders of an 18-year-old youth, Fred Lindstrom, a graduate of Loyola University of Chicago, fell a difficult task in the opening game of the world series.

He was called upon to replace the crippled Heine Groh, a world's series veteran, and one of the best "hot corner" guards in the game. Groh is out with a bad knee.

Lindstrom was purchased by the Giants last fall, from Toledo of the American Association. He did not get a chance as a regular until the closing days of the campaign, when Groh went out. But he was in the final drive to give McGraw his fourth pennant and he played well.

He turned in a batting average of .256 with 20 hits in 78 trips to the plate. He is regarded as a good fielder.

Several Pikers Hurt.

The Pikers concluded their preparations for the game with a light workout yesterday afternoon. There was a "skull" session in the gymnasium after supper, followed by a football rally. Injuries in scrimmages this week have put several of the Pikers on the shelf, but the eleven will be in fair condition for the game.

Coach Wimberley refused to make any prediction of victory, but said he would be fully satisfied if his players fought hard and did their best.

The Drury squad arrived this morning, having taken a sleeper from Springfield last night. They were in charge of the new coach, Fred Walker, a former protegee of Alonzo Stagg, at Chicago University.

Piker Eleven to Oppose Drury in First Game Today

Springfield Eleven Has Veteran Eleven, Improved by New Coach.

Probable Lineups

WASHINGTON U. DRURY
Goalkeeper..... L. E. Matthews
Left half..... L. G. Davis
Right half..... L. G. Davis
Center..... L. G. Davis
Left half..... L. G. Davis
Right half..... L. G. Davis
Center..... L. G. Davis
Left half..... L. G. Davis
Right half..... L. G. Davis
Center..... L. G. Davis

The Piker football team will play the 11th of its 1924 season in a game with the Drury College Panthers at Francis Field this afternoon. Kickoff will be at 3 o'clock.

The rejuvenated Washington team, greatly improved over the 1923 unit, is expected by its supporters to come through with an impressive victory. However, there is no reliable basis for predicting the outcome of today's battle, for little is known of the Springfield players and the Pikers have yet to be seen in action.

The two teams will be about evenly matched in weight, with the Pikers possibly enjoying a slight advantage. Drury will also have several of its regulars from last year in the lineup. Five or six Piker letter men will be in the fray, which means that the rival eleven will also be evenly matched in the possession of experienced players.

Washington defeated Drury in their game here last year by a score of 6-0, but only after the hardest kind of battling.

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HAMILTON. 1137—Furnished
housekeeping suite; adjoining bath.

[illegible][illegible]

WASHINGTON, 4400—Room 1—Large
bath, adult.
WASHINGTON BL. 4121—Large
bath, adult. Call 1000. Call 1000.
near the water. Lindell 2978.
WASHINGTON BL. 4715A—Atrium
bath, adult.
WASHINGTON BL. 2417—Bath-
housekeeping apartment, also one
one room.
WASHINGTON BL. 4159—Linen
and kitchenette. Water, also one
one room.
WASHINGTON BL. 4330—Front 2-
apartment, reasonable, nice, range,
ref., bath, adult.
WASHINGTON BL. 4011—Rooms,
bath, adult. Call 1000. Call 1000.
will be heated. Olive cars.
WASHINGTON BL. 4055—South 5-
apartment, reasonable, nice, range,
ref., bath, adult.
WALTON 1109 (Apartment C)—Le-
velly furnished room, for couple or
single, in better neighborhood. Forest
BL. 5134—Large, 2-1/2 bath, fur-
nished room, with all conveniences.
WATER STREET FL. 4214—Housekeep-
ing room, \$5.00.
WESTMINSTER FL. 4017—Lower 1-
room; continuous hot water; conven-
iences.
WESTMINSTER FL. 4000—House-
keeping room, 24 Hour, sleeping list, run-
ning water.
WESTMINSTER, 3540—Housekeep-
ing room, 24 Hour, sleeping list, run-
ning water, steam heat, adult.
WESTMINSTER FL. 3265—Neatly
furnished room.
WESTMINSTER, FL. 3263—Neatly
furnished room, sleeping room, single
bath, continuous hot water, heat, ad-
ult.

[illegible][illegible]

ROOMS IN SIBURGS
ROOMS—Two, furnished, with bath
 privileges, in private home, where agent
 has apartments for more important
 work, therefore \$0 week. Dealer 4512
 Tel.
Large, big kitchen—Large furnished
 kitchen and kitchen, all conveniences.

STRENGTH without weakness, In "Balisand" Joseph Hergesheimer's story of the post-revolutionary period in Virginia. The principal character, Richard Bale, is never a likable figure, and the novel may easily be come for the reader a progressive exercise in hating him.

Even for his time, Bale is hard dominating and vindictive. Consistency is his only virtue, and loyalty to the person and the memory of George Washington his only praise-worthy trait. His introduction to the reader is not less than revolting. Going as a guest to a neighboring plantation, he gets drunk—not in sociability, but alone—before he can meet his hostess. He wanders to the slaves' quarters and betrays a cock fight, which ends in a scuffle between two brutal negroes, abetted by a beautiful white overseer. One of the negroes is a "kaiser," and the other an eye-brother he staggers back to his cabin.

From this hideous but sober scene Bale goes to meet Lavinia, whose engagement to his host's brother is the occasion for the house party. Bale and Lavinia fall in love, and Bale is ready to kill her fiancé, Gavin Todd, but the duel is prevented by Lavinia's sudden death.

Back at Balisand in the years that follow, Bale views with anger the growth of French revolutionary feeling, and when he meets a small farmer wearing the tricolor he strikes it off with his whip. The man rallies with his neighbors and a menacing party gathers on the lawn at Balisand, but Bale faces them and shoots their leader dead. Gavin Todd is a leader of the Jeffersonians, and Bale's hatred for him grows. Todd looks with favor on a young woman, rich and capable, and Bale, more to thwart Todd than from any other motive, marries her. A true between Bale and the man he has twice supplanted lasts through the years when Bale's children are growing. Then, Todd's effort at reconciliation brings a clash which demands the code. Unwilling of all the acts of his life is Bale's insistence on the right of a "second shot," by which, after being mortally wounded, he kills Todd.

Commendably, the author has not cumbered the narrative with attempts to introduce Washington Jefferson, Clinton or any of the other historic notables of the time, whose deeds and rivalries motivate the political phases of the story. (Knopf.) C. F. H.

At Wellesley "There is a Mary Perkins, professor of philosophy who is said to have voted for Debs at the recent election" who is reported in the Wellesley News of Oct. 4, 1918, as holding that "It is not necessary to part with our flag as long as it stands for nothing wholly and separately American, and as long as it represents the highest spiritual ideals of truth, righteousness and brotherhood."

It is always difficult to measure the size of the man who happens to occupy the presidency; the public is always unwilling to see that its affairs are being directed by no more than a common-sense intelligence. It is only by looking through its illusion of greatness and ruler. And moreover one always restrained by the thought of the occupant of the White House may rise to the opportunity of the presidency and reveal unsuspected capacities.

The process of creating the myth of greatness about Mr. Coolidge is unusually amusing. He has been the least regarded of our presidents. He was unpretentious, he made few friends, and everyone was more or less ashamed of having been fooled in unduly praising his part in the Boston police strike. Almost in an instant he had become a great man, those qualities which we insist upon having in our Presidents. In a week the only thing common between Mr. Coolidge, the Vice President, and Mr. Coolidge, the President, was his name. A new personality had been created. An affable man of intellect and lofty character had taken the place of the silent, faded figure about whom we thought we had been cheated a little when we elected him Vice-President.

How Greatness "Myth" Was Fostered. And into the creation of the Coolidge myth there has been something more than the generous flattery of a child-like people, endorsing its ruler with the magical power of which men have always found it necessary to impute to the representatives of heaven upon earth. They have set up for their own. Soon after Mr. Coolidge was elected President arose the question whether or not to have the

tax rates upon large incomes which had been imposed during the war under the mistaken notion that this wealth could be made to pay the costs of war and which many politicians thought fit to maintain as a sign of the nation's virtuous attitude toward the concentration of wealth and power. It was the most vital issue to be presented since President Wilson proposed to make the earth the permanent abode of peace by giving the world a permanent radical bloc that would be our own and since Congress revolted at the thought that an enlarged replica of itself could do anything but mischief.

All the most vocal forces in the nation, organized business, the newspapers themselves, or many of them, with undivided surpluses, perceived that the prospects of Mr. Mellon's tax reduction proposals would be destroyed by contributing to the legend of Mr. Coolidge's greatness, wisdom and purity of purpose, and correspondingly lessened by any criticism of the President no matter how moderate and reasonable.

Then it appeared that the issue over taxes, which was compromised, was only the beginning of a new division of opinion which promised to bring into being a radical party, or at least a permanent radical bloc that would control Congress, no matter which of the two old parties was power. So Mr. Coolidge became the hope of the conservative element of the country, always better equipped to mold opinion of men and measures than their rivals. So it resulted that the press was never so united, not even when Mr. Bryan was trying to halve our dollar, in support of one man with regard to party. Mr. Coolidge has enjoyed the immunity from criticism, even from honest appraisal, that is accorded a war President. Some Democratic journals even feared to say that Mrs. Daugherty, the Attorney-General, was not an ornament to our national life lest they might somehow be pulling out one of the props of the existing order. And all of them were agreed that the Senate in exposing corruption was bringing nearer the day when we should have in America so dangerous a Government as that headed in England by Mr. Coolidge's luck, his proverbial luck, that he presides over so timorous a society.

A "Safe Man" of "Excellent Intentions." For my part, I think we may safely cast our fears aside and inspect Mr. Coolidge with an eye to the truth. He has been President long enough so that we know him for what he is, a useful, safe, moderate man of excellent intentions in mental stature he is an equal of his predecessors like Hayes, Arthur, Harrison, McKinley, Taft and Harding. In character, he surpasses some of these. All the safeguards which we have set about the President are secured by the men of the Coolidge sort. It is only an accident when the bigger fish like Cleveland, Roosevelt and Wilson slip through the meshes by which we try to say that they have a large man as candidate in Mr. Davis. I am going to contribute to his election by showing later in this book that the evidences of his greatness are superficial and should not count too much against him.

I have inquired of men from Massachusetts who knew Mr. Coolidge before the glamor of the presidency fell upon him, and they say under their breaths and casting their eyes about to see if they are overheard, that he has not a large mind. If they mean by this he is not a man of ideas, of mental range, contact with whom is stimulating, they are right. He uses the word and practical. He uses the

YOU TAKES YOUR CHOICE

WRITTEN by a newspaper man with the shrewd touch of one who has devoted himself to the great game of politics at Washington, "You Takes Your Choice" (G. P. Putnam's Sons) presents the three candidates and their running mates with a certain detachment and impartiality, setting forth the biographical facts of their existence side by side with their ideals as shown by the records of their achievements; and even peeping a little way into the future.

As one of the authors of "The Mirrors of Washington," Mr. Gilbert is known around the world as a character analyst of uncommon penetration and a writer distinguished by the clarity of his work. His thorough sophistication in the field of public affairs admits of no illusions concerning public men, their motives or abilities. Yet honesty of purpose and good humor are not incompatible in the scientist, and the occasional faint chuckle which marks the progress of the operation proves that he regards the subject with both sympathy and amusement.

CANDIDATE COOLIDGE (PART II)

By CLINTON W. GILBERT.

Greatness is not so tight as Mr. Coolidge is. A powerful and original mind is more careless, bolder than his. In estimating Mr. Coolidge we must not forget that series of articles Mr. Coolidge, as Vice President, wrote for a woman's magazine when the "red terror" made us shiver most. The series was entitled "Enemies of the Republic: Are the Reds Stalking Our College Women?" I acquit Mr. Coolidge of the caption. The first article is aptly led by a large picture of a sheep in spectacles. The second article is a study of a group of little sheep. On second glance one sees that the teacher sheep is a wolf in sheep's clothing. The case he makes out against the wolf consists of extracts from college magazines.

Here are a few of the terrors that then infested the vice president's mind. "In the Vassar Miscellany we find that Miss Smith, of the Vassar faculty, during the 1920 spring vacation, was in Washington, where she went to various hearings before the Senate committee. The most interesting was the Marten's hearing, where Miss Smith was quite favorably impressed by the Soviet Ambassador, and struck by his moderation and intelligence compared to the narrowness of some of the committee."

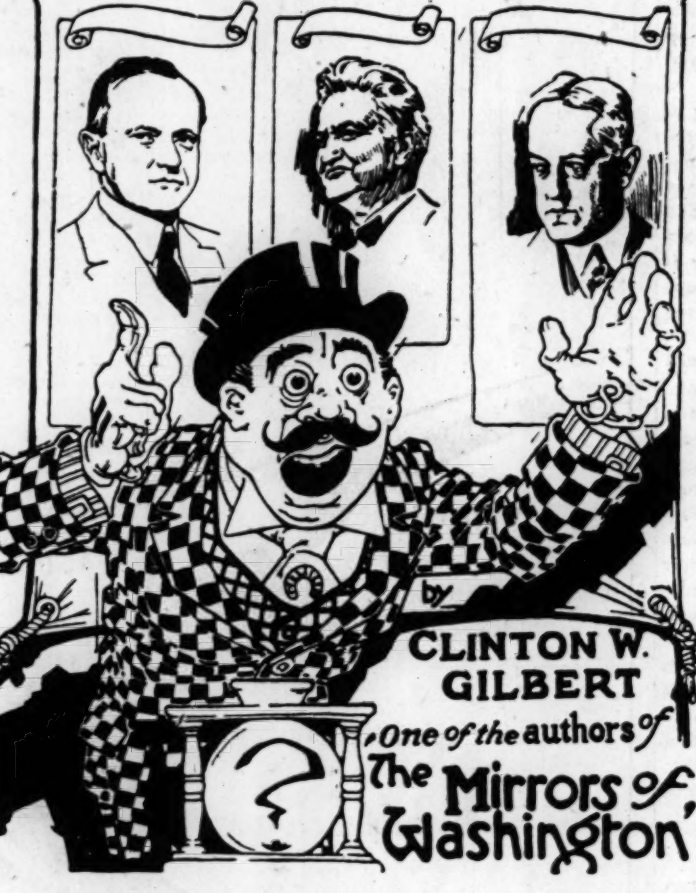
"At the Socialist Club soiree Miss Hutchinson, discussing Bebel's Women under Socialism, said: 'The respect of one radical idea usually appears, and that is, the respect of the other historic notables of the time, whose deeds and rivalries motivate the political phases of the story. (Knopf.) C. F. H.'

What Name to Articles. I am informed that he did not write these articles; that they were prepared by the magazine in which they appeared, and that they were sent to him to them for a consideration. But even the twaddle to which a public man signs his name is a measure of his mind. Mr. Coolidge must have shared in the hysteria which prompted the publication, for he is too honest and conscientious to put out as his own articles in which he did not believe.

It is always difficult to measure the size of the man who happens to occupy the presidency; the public is always unwilling to see that its affairs are being directed by no more than a common-sense intelligence. It is only by looking through its illusion of greatness and ruler. And moreover one always restrained by the thought of the occupant of the White House may rise to the opportunity of the presidency and reveal unsuspected capacities.

The process of creating the myth of greatness about Mr. Coolidge is unusually amusing. He has been the least regarded of our presidents. He was unpretentious, he made few friends, and everyone was more or less ashamed of having been fooled in unduly praising his part in the Boston police strike. Almost in an instant he had become a great man, those qualities which we insist upon having in our Presidents. In a week the only thing common between Mr. Coolidge, the Vice President, and Mr. Coolidge, the President, was his name. A new personality had been created. An affable man of intellect and lofty character had taken the place of the silent, faded figure about whom we thought we had been cheated a little when we elected him Vice-President.

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CLINTON W. GILBERT One of the authors of 'The Mirrors of Washington'

mind he has intensively rather than extensively. When the International Dairy Conference was held here in Washington some Russians came by express invitation. At the head of the delegation was a young Communist named Kaminsky, who was not a farmer, but a worker who by his energy and ability had attracted the attention of the Soviet authorities. He was in Berlin, which is a little nearer Washington than is Moscow, when he received his orders to turn up here as a dairyman. President Coolidge made a speech to the international cow milkers which was duly translated to the Russians, Kaminsky speaking no English. A Russian asked Kaminsky afterward what the President had said.

"He said," replied the young delegate, "that a cow was a useful animal, that milk was a good food, that with so many people living in cities dairymen had become the world over an important industry. Why, he talked just like our own Kalenin" (Kalenin is the so-called President of the Soviet Republic). "I suppose," added Kaminsky, "that every country has to have its Kalenin."

"Relaxes With the Obvious and Stereotyped." Reports of conversations at the White House, conversations which are spreading the word throughout the country that the President is not silent but talkative, all agree upon the commonplace character of the subjects he discusses. He talks of walking as an ideal form of exercise, of country schools and the school books he studied, as a boy, of the roads in Vermont and where you turn off from the main highway to reach a certain village, of life on the farm in the Vermont hills, of the beautiful views from the White House windows—all Kalenisms. Never by any chance do you encounter a sign of a powerful or original mind, or one with wide and stimulating interests. The President concentrates upon the routine tasks of the White House and the small politics of the national campaign, and relaxes with the obvious and stereotyped.

A curious illustration of his small range came to my attention recently. The Institute of Economics has some time ago a study of Germany's capacity to pay reparations. One of the directors or trustees of the Institute afterward called at the White House. He was asked by the President if he in his opinion Germany would be able to pay.

"That depends upon conditions," he replied. "How's that?" asked Mr. Coolidge. "I thought the obligation to pay was absolute."

"It depends," the President was told, "on whether Germany has a favorable balance of trade, whether she is permitted to pay her debt in the goods she exports."

"Why?" said Mr. Coolidge, "the terms of the treaty call for a payment in gold. A favorable balance of trade has to do with a nation's prosperity but I don't see what it has to do directly with the payment of reparations."

It was explained that Germany had no gold and could not get gold except through the sale abroad of the goods she produced, that no big international debt could ever be paid in gold and that gold was really only a measure of the debt and of the goods that were offered in payment of it. When the man from the Institute finished, the President called for a stenographer. "Will you please repeat that you have just said?" asked the President. "I'd like to have it taken down on paper."

Now of course this little bit of knowledge is a part of the common information of every school boy. You have to think it through once to understand it and never

thought the Senator and Attorney-General were discussing mah jongg instead of the question whether the public had lost confidence in the administration of the Department of Justice. For me, that daily nap was as astounding a fact as the Sioux Indian's unchanging face when, the morning after, he burns up around his legs. It always seemed to me that Sioux Indian might smile while the fire was burning to his ankles, but that he ought to look grave while it dimly burned, and that when it roared above that point he should make a few appropriate remarks.

The whole episode exhibited the weakest side of Mr. Coolidge. He desired to be rid of Daugherty but for a long time he could not bring himself to act. He hoped Daugherty would see the predicament in which he was placed and resign. He dodged the responsibility for asking Daugherty to resign by calling in Senator Borah to tell Daugherty that he should resign. But to Daugherty, control of the Department of Justice and its Secret Service agents was vital to the nation, and he would not give up his reputation. He could not resign.

The President conferred endlessly with Daugherty, four times on one occasion in 24 hours. But Daugherty was incoherent—bewildering—nothing but a habit of relying upon authority he put himself into Mr. Mellon's hands without fully realizing what was going to happen. He has profited by his very Borah and gave his speech of acceptance his approval and the making of the campaign would be largely in Mr. Borah's hands as he, the President, would be kept by his duties in Washington from taking the stump. The day could hardly have failed to find a lodgment in Mr. Borah's mind that he might be four years from now conspicuously available for promotion to the presidency. Mr. Borah like most men, finds it hard to say "no" flatly to an urgent request. At any rate the President did not think he had a "no" out of the Senator.

At any rate the administration guessed and guessed wrong. The slip that was made in the opinion of some friends of the President was the announcement at Cleveland that Mr. Borah had been selected. This gave the Senator an opportunity to refuse before the nomination had been made. If they say, the plan had been kept secret and Mr. Borah had been nominated he might have accepted. But this was only a guess. This year a record has been made for declining nominations. Senator Ralston refused a nomination for President Governor Lowden refused one for Vice-President that was already made. Mr. Borah's disinclination was undoubtedly as great as that of either Senator Ralston or Gov. Lowden.

Conservation Throws Off All Restraint. Mr. Coolidge's convention might have taken Mr. Borah, though it would have none of the bargain the President made with him. It would have none of Judge Kenyon. It revealed in its freedom from "those damned Progressives." Conservatism rushed Mr. Coolidge off his feet in the end. It gave Gen. Dawes the way of showing how glad it was to throw off all the restraints hitherto imposed by political expediency.

A sketch of Charles Dawes, Republican candidate for the vice presidency, will be published Monday, to be followed by sketches of the other candidates.

LA FOLLETTE IS READY TO HOP OFF ON LONG TOUR. First Speech on Westward Trip Will Be in Rochester, Monday.

WASHINGTON, Oct. 4.—Facing four weeks of strenuous campaigning, Senator Charles McNary, independent presidential candidate, devoted himself today to the preparation of speeches he will deliver on the tour, which is expected to take him to the Pacific Coast, and to the discussion of itineraries with his advisers.

Aboard a special car which will be his home during his month of travel, the Wisconsin Senator is scheduled to leave Washington tomorrow night for Rochester, N. Y., where he will resume active campaigning by addressing a rally Monday night. A week later will find him in Kansas City, whence he will journey to St. Louis. His itinerary after the St. Louis meeting has not been determined, but arrangements are being made to have the Senator strike westward to the coast, returning to the Middle West and East in time for some intensive campaigning in that territory before election.

RADIO 'SPONGERS' IN GERMANY. Government Threatens Raids in Search for Unlicensed Sets.

BERLIN, Oct. 4.—Radio "spongers" are so numerous in Germany that the Government threatens a general raid on houses suspected of having unlicensed radio sets. When the radio was introduced into the country a year ago the Government decreed that owners must pay a license fee of 50 cents monthly. This decree has generally been disregarded so that the fees received have been insufficient to even pay the radio artists.

Why Coolidge Wanted Borah on Ticket. I have heard what I think is the authentic explanation of that strange incident of the campaign, the announcement that Senator Bo-

rah had been chosen by the administration as the candidate for Vice President and Senator Borah's prompt refusal to run. Mr. Borah had always been the President's personal choice for his running mate. Relations between the two had been close and friendly. The Idaho Senator had been the whole been a more consistent supporter of the administration on the hill than had been most of the so-called regular Republicans. The administration had called off the con-

servative Republican opposition to no more Republican support. Just as it later called off the opposition to Senator Couzens' nomination in Michigan, Secretary Mellon, who has done so much to give a conservative character to the Republican party, favored Mr. Borah for Vice-President.

To all suggestions that he should take the second place on the ticket Mr. Borah had replied that the Vice Presidency was distasteful to him and that his nomination, since he was not in agreement with his party, would be illogical and would do no good. The President sent for Mr. Borah after the Convention in Cleveland was in session and asked him to take second place. Mr. Borah did not come back with a pointblank "no," but objected to the platform. The difference between Mr. Borah and his party did not seem to the President vital. He accordingly suggested that Mr. Borah could make his own platform in his speech of acceptance. Mr. Borah demurred to this.

The President suggested, it is said, that he would stand by Mr. Borah and give his speech of acceptance his approval and the making of the campaign would be largely in Mr. Borah's hands as he, the President, would be kept by his duties in Washington from taking the stump. The day could hardly have failed to find a lodgment in Mr. Borah's mind that he might be four years from now conspicuously available for promotion to the presidency. Mr. Borah like most men, finds it hard to say "no" flatly to an urgent request. At any rate the President did not think he had a "no" out of the Senator.

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IOWA COMMITTEE SAYS BROOKHART REPUDIATES PARTY

Submits to Voters of State That His Declarations Are "Self-Impelled Bolt."

RESULT OF PLOT TO DEADLOCK ELECTION

"We Are Proud to Stand on Record of Coolidge and Dawes," Declares State Committee.

By the Associated Press. DES MOINES, Ia., Oct. 4.—The Iowa Republican central committee has decided that Senator Smith W. Brookhart ruled himself out of the Republican ranks when he denounced President Coolidge and Charles G. Dawes.

The committee itself did not directly declare Senator Brookhart out of the party but stated yesterday that his statements of the last few days are a repudiation and a bolt from the Republican party.

Senator Brookhart, who opened his campaign for re-election at Emmetsburg yesterday with a vigorous attack upon President Coolidge declared that because he "was nominated by 200,000 Republican voters" it was he who represented the Republicans of Iowa rather than the present Republican organization which, he said, was controlled by "a small group of crooked and irresponsible dictators set up by the non-partisan league of Wall street."

The committee declared that the heads of the La Follette party inspired Senator Brookhart's actions "for the malicious purpose of attempting to turn the attention of the voters from the real issues of this campaign" and "defeat the right of the people to elect a President at the polls" thereby throwing the election into Congress.

The State committee reaffirmed its confidence in the heads of the national ticket and declared "we are proud to stand on the life and record of Calvin Coolidge against the attacks of any man."

Simultaneously with the committee's pronouncement, Mrs. Miriam Stewart Hollowell, the Iowa national committee woman, issued a statement in which she declared that Senator Brookhart's "attack on my candidates, which comes like a slap in the face, leaves me with no other choice than to feel that he has forfeited the right to my endorsement."

Statement of Committee. The committee's statement, after setting out at considerable length the achievements of President Coolidge and Dawes, concludes: "The Republican party in Iowa without dissenting vote instructed its delegates to the national convention to vote for Calvin Coolidge and made his instruction a part of their platform."

"Every candidate for office on the Republican ticket entered the primary campaign and filed as a Republican after the Iowa convention had instructed for President Coolidge."

"As the representatives of the Republican party in Iowa, elected through the medium of the primary, submit to the Republican voters of the State that the repudiation of the Republican nominees, Senator Brookhart, is a repudiation of, and a bolt from the Republican party."

"It is our belief that this action on the part of Senator Brookhart has been inspired by the heads of the La Follette party for the malicious purpose of attempting to turn the attention of the voters from the real issues of this campaign."

"The self-impelled bolt from Brookhart ranks by Senator Brookhart is the result of a conspiracy to defeat the right of the people to elect a President at the polls and to force such an election by a Congress selected two to six years ago."

"We, as Republicans, who believe in the Constitution of the United States and who believe in construction rather than destruction, will continue our campaign for President Coolidge and Mr. Dawes and all Republicans on the ticket."

"On any issue of honesty, integrity and interest in the welfare of all the people we are proud to stand on the life and record of Calvin Coolidge against the attacks of any man."

Missouri Road Conditions. Kansas City—Clear; roads muddy. St. Joseph—Clear; roads good. Joplin—Clear; roads good. Jefferson City—Clear; dirt roads muddy. Columbia—Clear; roads good. Moberly—Clear; roads muddy. Hannibal—Clear; dirt roads muddy.

ONLY 6 PER CENT CROOKED.

2014年10月10日
2014年10月10日

Thraymachus: Where do you think Mr. Tooley will finish? If the American Bankers' Association hold another convention and I am there for four or five days as it is, I think he will finish his sentence. We may expect to hear his sentences proudly, boasting of how the Republican administration in 1924, as champion of the people's cause, prosecuted the greedy oil barons and forced them to surrender the many thousand acres of public land which they had obtained by

something must be done to secure
 ilant co-operation of the parents
 ing their children out of the path
 Unless a greater co-operation can
 the most perfect care of the police
 drivers cannot greatly minimize the
 the slaughter to which they are

BLAMES GREED OF SONS FOR LOSSES TO GOULD ESTATE

Attorney Tells Referee
George and Edwin Gould
Used Property to Acquire
Railway Control.

By Louis Wire From the New York Bureau of the Post-Dispatch.
NEW YORK, Oct. 4.—Attorneys for Frank J. Gould and his sister Anna, now the Duchess of Talleyrand, laid before Referee James A. O'Gorman, in the Jay Gould accounting proceedings, yesterday, their charges of mismanagement by their brother, the late George J. Gould.
Walter B. Walker, attorney for Frank J. Gould, opened the case for the youngest son of Jay Gould by charging that the greed of his brothers, George J. and Edwin, was at the bottom of the series of alleged unauthorized acts which, he said, resulted in losses of \$20,000,000 to the Jay Gould estate. At the time of Jay Gould's death in 1892 the estate was estimated at \$82,000,000. The greed, he charged, was for gain and for power, and for Edwin, he said, had had an understanding that they would use the estate to realize their ambitions—George to become a power in the railroad world by

acquiring control of the Missouri Pacific, and Edwin to gain control of the St. Louis Southwestern.
Destruction of Books Charged.
Walker accused George J. Gould of destroying his personal books of record and account in 1912, so that it became impossible to trace his use of estate moneys that had gone into his personal account, following the sale of securities through his personal brokerage account.
Both Frank J. Gould and his sister, the Duchess, who were minors when their father died, seek to have the estate of George, as well as Edwin and Howard Gould, and Mrs. Helen Gould, held liable to the heirs for the losses the Jay Gould estate has suffered. The charges of mismanagement are chiefly directed, however, at George and Edwin Gould.
When Jay Gould died, Walker said, he owned only 19 per cent of the Missouri Pacific stock, and his holdings were chiefly in preferred shares, which have no voting power.
In his effort to dominate the road, the attorney declared, George J. Gould sold the preferred stock and ran the estate's holdings in common stock up to 20 per cent of the road's capital stock.
Walker said he would show that while Jay Gould at his death had approximately 20 per cent of his wealth invested in sound securities, such as first mortgage bonds, this was reduced in 1914 to one per cent.
Regarding the contention of attorneys for George J. Gould that Jay Gould will give the trustees "free exercise of unbiased discretion" in purchase and sale of securities, Walker declared "that the tremendous speculation in the stock of the Missouri Pacific to obtain control were not made with the 'free exercise of unbiased discretion'."

Steamship Movements.
By the Associated Press.
Arrived.
Southampton, Oct. 3, Majestic, from New York.
New York, Oct. 3, France, Havre.
Hamburg, Oct. 2, Orbita, New York.
New York, Oct. 4, Ohio, from Southampton.
Copenhagen, Sept. 30, Helsingaav, New York.
St. Michaels, Oct. 3, Britania, New York.
Sailed.
Bremen, Oct. 2, Columbus, for New York (and sailed from Southampton Oct. 3).
Hamburg, Oct. 1, Deutschland (and sailed from Southampton Oct. 3).
Antwerp, Oct. 2, Lapland, New York (and sailed from Southampton Oct. 3).
Colombo, Oct. 2, President Harrison, New York.
Bordeaux, Oct. 1, Moussillon, for New York.
Belfast, Oct. 3, Carmania, Quebec.
Southampton, Oct. 4, Berengaria, New York.
New York, Oct. 4, Olympic, Southampton.
Lorenzo B. Vella Is Dead.
Lorenzo B. Vella, a draftsman employed in the bridge design section of the Board of Public Service, and a city employee for 34 years, died suddenly today, presumably from heart disease, at his home, 1546 South Compton avenue. He had worked yesterday. He was about 45 years, and a graduate of Washington University in civil engineering.

Optimist Club Election.
Roy V. Fiesh, of 683 West Lockwood avenue, Webster Groves, was elected president of the St. Louis Optimist Club at its annual meeting at Hotel Statler yesterday. Officers of the club are: Dan F. Hyland, vice president; Edgar

Walsh, secretary; Dan McNamara, treasurer, and Martin O'Brien, sergeant-at-arms. The directors are Jack H. Grosse, Otto S. Conrades and Sidney Le Gear, to serve three years, and Oliver Abel, Lawrence McDaniel and F. H. Williams, to serve two years.

HOTEL STATLER



VEILED
PROPHET
SUPPER
DANSANT

Wednesday Night,
October 8th
Dancing Until
3:30 A. M.

Gene Rodemich
and His Famous
Statler Dance Orchestra

\$5.00 P. P. including covert charge. War tax 15c extra.
Headwaiter will reserve table for you. Call Central 1400

CHURCH NOTICES.

CHRISTIAN SCIENCE

Subject of the lesson-sermon at each church: "Ureality."

GOLDEN TEXT: Psalms 91:9, 10.

FIRST CHURCH, Kingshighway and Westminister place, 11 a. m. and 8 p. m. Reading room, 4744 McPherson, open daily from 9 a. m. to 9 p. m. accept Wednesday, from 9 a. m. to 5 p. m.

SECOND CHURCH, 4234 Washington boulevard, 11 a. m. and 8 p. m.

THIRD CHURCH, 3234 Russell street, 10:45 a. m. and 8 p. m.

FOURTH CHURCH, 5589 Page street, 11 a. m. and 8 p. m. except Wednesday, from 9 a. m. to 4:45 p. m.; Sunday, 10:45 a. m. and 8 p. m.

FIFTH CHURCH, 3630 South Grand boulevard, 11 a. m. and 8 p. m. Reading room, same location, open daily from 9 a. m. to 9 p. m. except Wednesday, from 9 a. m. to 4:45 p. m.; Sunday, 10:45 a. m. and 8 p. m.

SIXTH CHURCH, Mount Moriah temple, Garrison street and Natural Bridge, 10:45 a. m.

SEVENTH CHURCH, northwest corner Grass street and Minnesota ave., 10:45 a. m.

WEDNESDAY EVENING—TRUSTEES MEETING at all the churches at 8 o'clock.

DOWNTOWN READING ROOM, 1003 Railway Exchange Building, open daily from 9 a. m. to 9 p. m. Sunday, 2 to 5 p. m. All are welcome.

35TH ANNIVERSARY

GRACE EVANGELICAL LUTHERAN CHURCH

Garrison and St. Louis Aves.

Sunday, October 5th

Services: 10:45 A. M. Pastor, Rev. Wm. Dallmann, Milwaukee, Wis.

8:00 P. M. The Rev. Wm. Dallmann, Milwaukee, Wis.

CHRIST CHURCH CATHEDRAL

1210 Locust Street.
WILLIAM SCARLETT, Dean.

SUNDAY SERVICES
8 A. M.—Holy Communion.
11 A. M.—Holy Communion and Sermon. Preacher, Dean Scarlett.

Free organ recitals start Monday every week day but Saturday from 12:15 to 12:45.

**A REVELATION
DANCE SYNCOPATION!**

**HERBERT
BERGER
HIMSELF
DANCES
HIS BOYS.**

*Late of the Green Mill
Los Angeles*

DANCING EVERY NIGHT
FOR DINNER & SUPPER

CORONADO HOTEL

AT ALL HOURS

BIG PICTURE MONTH NO. 1—LAUGH WEEK!

57 VARIETIES OF HUMOR



ABE AND MAWRUSS MADE YOU
LAUGH A YEAR AGO WITH CLOAKS
AND SUITS—NOW THEY ARE FILMING
BEAUFITS FOR BIGGER LAUGHS THAN EVER

SAMUEL GOLDWYN PRESENTS
"In Hollywood"
with
POTASH AND PERLMUTTER

THEIR ADVENTURES IN
MOVIE LAND
featuring
ALEXANDER CARR—GEORGE SIDNEY
BETTY BLYTHE VERA GORDON

ALSO
LLOYD (HAM) HAMILTON
in "JONAH JONES"
GRAND CENTRAL ONLY
STAGE PRESENTATION
"A NEAPOLITAN NIGHT"
GENE RODEMICH'S ORCHESTRA STUART GARRIE

ASSISTED BY
NORMA AND
CONSTANCE
TALMADGE

GRAND CENTRAL WEST END LYRIC

**The SIREN OF
SEVILLE**

NOW
The Production That Cost
One Million Dollars to Make
THE SEASON'S MOST EXOTIC LOVE-
DRAMA OF PASSION, AMBITION
AND JEALOUSY!

ALLEN FORREST, the romantic hero of
"DOROTHY VERNON OF HADDON
HALL," as the Dashing Toreador—and
PRISCILLA DEAN, the Empress of
Emotion, as the Ravishing Senorita—
A SUMPTUOUS PHOTOPLAY
OF A THOUSAND LOVE-
MAD NIGHTS

AT THE KINGS
MATINEES
30c
Including Tax
EVENINGS
50c
CHILDREN
15c
GUMP COMEDY
NEWS TABLE
CONT. 1 to 11

AT THE RIVOLI
MATINEES
30c
Including Tax
EVENINGS
40c
CHILDREN
15c
GUMP COMEDY
NEWS TABLE
CONT. 10 to 11

KINGS RIVOLI
KINGSHIGHWAY
AT DELMAR
6th & OLIVE

Hotel Jefferson

12th, Locust and St. Charles

On Tuesday, October the 7th,
we will serve a
Dinner De Luxe

for the special accommodation of our patrons who wish to witness the parade of the Veiled Prophet—from 6 to 8:30 P. M. at \$2 per person.

On Wednesday, October the 8th,
we will serve a
Special Supper & Dance

after the Veiled Prophet Ball at \$4.00 per person. Our patrons are requested to make reservations early.

Music by the Varsity Club Orchestra.
Clifford Wassall, Director.

PHOTOPLAY THEATERS PHOTOPLAY THEATERS
NOW!
LOEW'S STATE
Washington at Eight

METRO-GOLDWYN'S
**"WINE OF
YOUTH"**
THE JAZZIEST PHOTO-
PLAY EVER PRODUCED
AND ON THE STAGE
TOM BROWN'S
30 SAXOPHONE 30
PLAYERS 30
WITH THE ORIGINAL SIX
BROWN BROS.

DON ALBERT'S
SYMPHONY ORCHESTRA
"Largest in St. Louis"
IN
"The Evolution of Jazz"
TOM TERRY
AT THE
MAMMOTH WURLITZER
PLAYING
"Terry's Terrible Tales of
Hoffman"
FELIX, THE CAT
CONTINUOUS 11 A. M. TO 11 P. M.
DE LUXE SHOWS
1:30, 3:30, 7:00 and 9:00 P. M.

**CAPITOL
AND
DELMONTE**
STARTING TODAY

Paris
THE GAYEST, YET
UNHAPPIEST CITY IN
THE WORLD

FRED NIBLOS
"THE RED LILY"
with
Ramon Navarro
WALLACE
DEERY ENID
BENNETT
WHAT LIES BENEATH THE
GAY WHITE WAY
OF PARIS?

Capitol Only
Lloyd (Ham) Hamilton
in "Jonah Jones"
Billy Kitta at the
Kilgen Wonder Organ

Delmonte Only
24 Edition—R. C. Jones
"REVIEW OF REVUES"
Bray Cartoon
"Throwing the Bull"

**Dancing Arcadia
Nightly**
Learn to Dance
Lessons one hour, classes nightly; results guaranteed; 50 expert instructors; prices reasonable; circular on request. Arcadia, 3423 Olive St., Lindell 4953.

PHOTOPLAY THEATERS

MISSOURI

NOW PLAYING

**GLORIA
SWANSON**
ALLAN
DUNN



CALVIN COOLIDGE
JOHN W. DAVIS
personally speaking thru
DeForest Talking Pictures

HARRY LANGBON in
"The Handsome Cabman"
Missouri Symphony Concert
Sunday at 4 P. M.
Joseph Lillian, Cond.

AMUSEMENTS

Orpheum Theatre

ORPHEUM CIRCUIT VAUDEVILLE

2:15 Overture-Palms-Tonics 8:15

2:25 W. H. Groh and Adonis 8:25

2:35 Murray and Adams 8:35

2:45 Gibson and Connolly 8:45

Second Week—Popular Demand

8:02 **JOHN STEEL** 9:02

8:22 **HARRY BURNS** 9:22

8:42 **"THE REBELLION"** 9:42

8:52 **SMITH THOMAS AND JOE** 9:52

9:10 **BILL ROBINSON** 10:10

"The Dark Cloud of Joy"

9:27 **Topsy Wonder Workers** 10:27

9:37 **Federal World** 10:37

Combos Next Week—Pamela Price

American

2:20—TWICE DAILY—8:30

Nights, 8:00-12:30. Adm. 50c-2.00

Second Week Begins Sunday

SEATS NOW ON SALE

ADOLPH TUDOR—JEROME LLOYD—

CECIL B. DE MILLE—THE

TEN

COMMANDMENTS

A BAHAMOUNT PICTURE
PARODY PLAYERS—LAST CORPORATION

SHUBERT JEFFERSON

MAT. TODAY, 2:15; TONIGHT, 8:15

MAUDE HANAFORD

in "THE DELUGE"

"Season's Best"—Chicago Tribune

TOMORROW NIGHT SEATS NOW

PETROVA

A Real Play of Real People in Real Life.

Nights, 8:00-12:30. Sat. Mat. 50c-2.00.

MATINEE WED. 2:00, 5:00, 8:00, 11:00.

EMPRESS

OLIVE AT GRAND

WOODWARD PLAYERS

PERSHING

DELMAR AT HAMILTON

WOODWARD PLAYERS

"THE LAST WARNING"
Matinee Wednesday and Saturday
NEXT—"CAPT. RICK"

NEW GAYETY THEATRE

Red Pepper Revue

COLUMBIA BURLESQUE

GARRICK

MATINEE DAILY

MUTUAL BURLESQUE

New Play
BAND BOX REVIEW—with the
CHERRY SISTERS

During 1935 the Post-Dispatch

printed 12,294 Financial "Wants"

1935 more than its morning competitor

and more than FOUR times as

many as the two other St. Louis

evening newspapers combined.

NEW YORK CURB



traded in on the New York Curb Market.
 (except in the case of Standard Oil
 sales of bonds represent \$100,000)

[illegible]

34	W. L.	90%	95%	95%	90%
35	Gr old	95%	94%	95%	94%
36	A O F	101%	101%	101%	101%
37	Be 27-33	103%	103%	103%	103%
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100	Be 27-33	103%	103%	103%	103%

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New M L	4 1/2	4 1/2	11
Penn B Oil	4 1/2	4 1/2	11
Red B Oil	4 1/2	4 1/2	11
Red C P	37 1/2	37 1/2	37
Salt C P	26 1/2	26 1/2	26 1/2

Butter, Eggs and Poultry

ST. LOUIS BUTTER, EGGS AND POULTRY. BUTTER—Creamery extra, 36c; 34c; 32c. Farm extra, 30c; 28c; 26c. Eggs—Fresh country, 30c; 28c; 26c. Poultry—Turkey, 30c; 28c; 26c.

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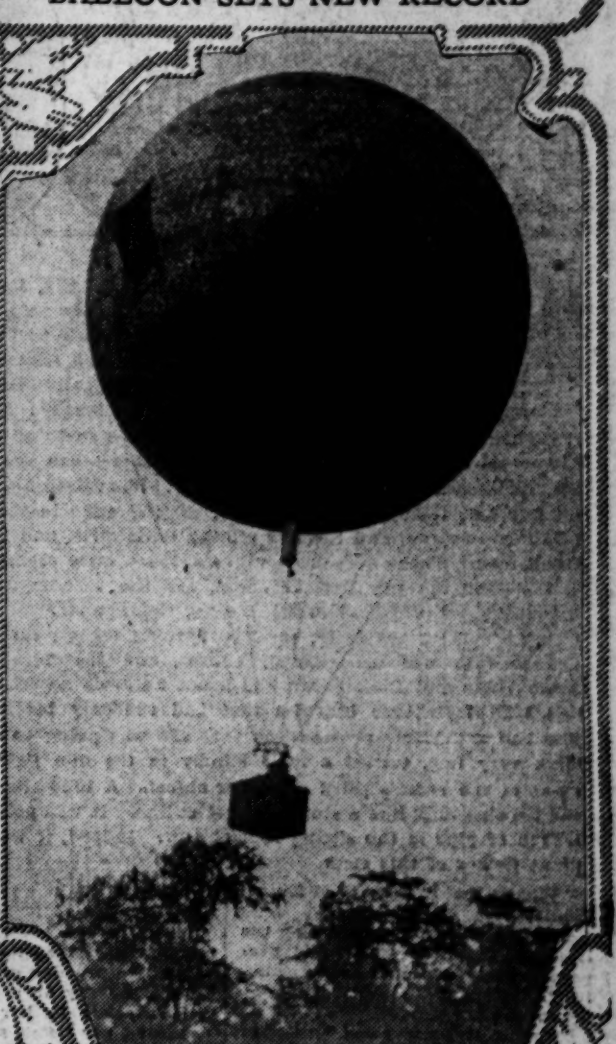
	High	Low	Cash	Yesterday
CHICAGO WHEAT				
L. 147 1/4	144	143 3/4	145 1/4	
C. 148	145	142 1/2	143 1/2	
L. 139 1/2	136 1/2	135 1/2	136 1/2	
MEAT MARKET				
L. 132	140	152	149 1/4	
L. 130 1/2	149	152 1/2-153	150-149 1/2	
L. 144	141	143 1/2-40	141 1/2	
CATTLE MARKET				
L. 138 1/2	137 1/2	138 1/2	138 1/2	

DROPPED CORN			
111	109	110 1/2	119 3/4
104 1/2	109	111 1/2-12	119 3/4
104 1/2	107	107	103
MAY CORN			
114	111 1/2	114	112 3/4
107 1/2	104 1/2	114 1/2-15	113 1/2-13
107 1/2	104 1/2	114 1/2-15	105 1/2
JULY CORN			
113 1/2	112 1/2	115 1/2	112 1/2
113 1/2	112 1/2	115 1/2	113 1/2
DECEMBER OATS			
57 1/2	56 1/2	55 1/2	55 1/2

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reduce vibration and
event shudding.
—© Underwood & Underwood

BALLOON SETS NEW RECORD



STANDA
Polo

The "Washington C. H." taking off at Washington Court-house, O., Tuesday, in a test flight for balloons, and in which it set a new endurance record for bags of its type, remaining in the air 13 hours and 48 minutes.

SPANISH DICTATOR WITH TROOPS



Theodore Roosevelt, Republican candidate for the governorship of New York, photographed after his notification.

THE MOST POPULAR MAN IN WASHINGTON



Walter Johnson, veteran Washington pitcher, who gave invaluable assistance to his team in winning the American League pennant, photographed with his mother, who has gone to Washington to see him participate in the world's series, and his wife.

BRIDGE GIVEN "RUBBER HEELS"



Rubber blocks being placed on the Link Bridge in Chicago, to reduce vibration and to prevent skidding.

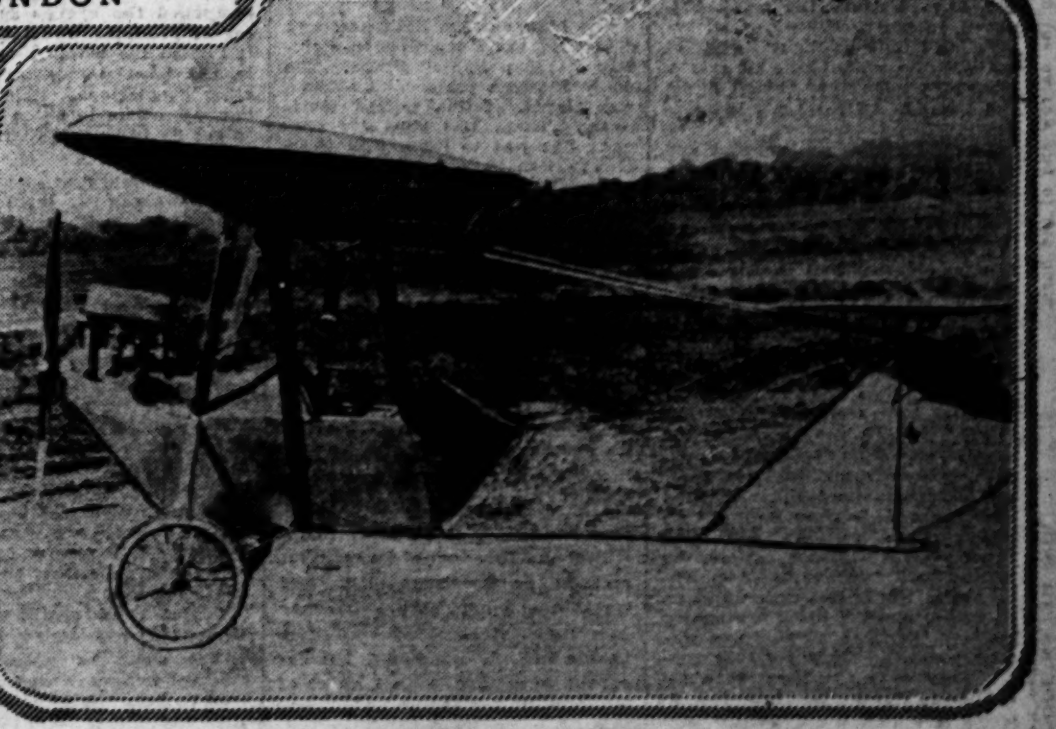
—© Underwood & Underwood

EGYPTIAN PREMIER GOES TO LONDON



Zaghloul Pasha, Premier of Egypt, arriving in Dover on his way to London for conferences with Premier MacDonald.
—Keystone View

"FLYING BATHTUB"



This tiny airplane, called the "flying bathtub," has a cockpit and rudder, but no fuselage. It will be flown at the Detroit air races.

[illegible]



VI

MAARTJE POOL, folding the garments hastily, looked shocked and horrified. "Never must anybody dress up in a bride's dress only to get married. It brings bad luck." Then, as Selina stroked the stiff silken folds of the skirt with a slim and caressing forefinger: "So you get married to a High Prairie Dutchman I let you wear it." At this absurdity they both laughed again. Selina thought that this school-teaching venture was starting out very well. She would have such things to tell her father—then she remembered. She shivered a little as she stood up now. She raised her arms to take off her hat, feeling suddenly tired, cold, strange in this house with this farm woman, and the two staring little girls, and the great red-faced man. There surged over her a great wave of longing for her father—for the gay little dinners, for the theater treats, for his humorous philosophical drawl, for the Chicago streets, and the ugly Chicago houses; for Julie; for Miss Flister's school; for anything and anyone that was accustomed, known, and therefore dear. Even Aunt Abbie and Aunt Sarah had a not unlovely aspect, viewed from this chill farmhouse bedroom that had suddenly become her home. She had a horrible premonition that she was going to cry, began to blink very fast, turned a little blindly in the dim light and caught sight of the room's third arresting object. A blue-black cylinder of the tin sheeting, like a stove and yet unlike. It was polished like the length of pipe in the sitting room below. Indeed, it was evidently a giant flower of this stem.

"What's that?" demanded Selina, pointing.

Maartje Pool, depositing the lamp on the little washstand preparatory to leaving, smiled proudly. "Drum."

"Drum?"

"For heat your room," Selina touched it. It was by "When there is fire," Mrs. Pool added, hastily. In her mind's eye Selina traced the tin tube below running along the ceiling in the peaceful and orderly path of a stovepipe, thrusting its way through the cylindrical hole in the ceiling and here bursting suddenly into swollen and monstrous bloom like an unthinkable goitre on a black neck. Selina was to learn that its heating powers were mythical. Even when the stove in the sitting room was blazing away with a cheerful roar none of the glow communicated itself to the drum. It remained as coolly indifferent to the blasts breathed upon it as a girl hotly besieged by an unwelcome lover. This was to influence a number of Selina's habits, including nocturnal reading and maternal bathing. Selina was a daily morning bather in a period which looked upon the daily bath as an eccentricity, or, at best, an affectation. It would be charming to be able to record that she continued the practice in the Pool household; that a morning bath in the arctic atmosphere of an Illinois prairie farmhouse would not have been so miserably, but good, even if there had been an available kettle of hot water at 6:30 a. m., which there emphatically was not. Selina was grateful for an occasional steaming basin of water at night and a hurried piecemeal bath by the mythical heat of the drum.

"Maartje!" roared a voice from belowstairs. The voice of the hungry male. There was waiting up, too, a faint smell of scorching. Then came sounds of a bumping and thumping along the narrow stairway.

"Og heben!" cried Maartje, in a panic, her hands high in the air. She was off, sweeping the two platters with her in her flight. There was sounds of scuffling on the stairway, and Maartje's voice calling something that sounded like hookendunk to Selina. But she decided that that couldn't be. The bumping now sounded along the passage outside her room. Selina turned from her satchel to behold a gnome in the doorway. Below, she saw a pair of bow-legs above, her own little hide-bounded trunk between, a broad face, a grizzled beard, a black lustre eye in a weather-beaten countenance.

"Jakob Hoogendunk," the gnome announced, briefly, peering up at her from beneath the trunk balanced on his back.

Selina laughed delightedly. "Not really! Do come in. This is a good place, don't you think? Along the wall? Mr. Mr. Hoogendunk?"

Jacob Hoogendunk grunted and plodded across the room, the trunk lurching perilously above his bow-legged stride. He set it down with a final thump, wiped his nose with the back of his hand—sign of a task completed—and surveyed the trunk largely, as if he had made it. "Thank you, Mr. Hoogendunk," said Selina, and, out her hand. "I'm Selina Peake. How?" she couldn't resist it—"how did you leave Rip?"

It was characteristic of her that in this grizzled hired man, twined with rheumatism, reeking of mould and manure, she should see a direct descendant of those grizzled and bearded bowlers so mysteriously encountered by Rip Van Winkle on that fatal day in the Kaatskills. The name, too, appealed to her in its comic ugliness. So she laughed a soft little laugh; held out her hand. The man was not offended. He knew that people laughed when they were introduced. So he laughed, too, in a mixture of embarrassment and attempted ease, looking down at the small hand extended to him. He blinked at it curiously. He wiped his two hands down his thighs, hard; then shook his great grizzled head. "My hand is all

muck. I ain't washed up yet," and lurching off, leaving Selina looking rather helplessly down at her own extended hand. His clatter on the wooden stairway sounded like cavalry on a frozen road.

Left alone in her room Selina unlocked her trunk and took from it two photographs—one of a mild-looking man with his hat a little on one side, the other a woman who might have been a twenty-five-year-old Selina, minus the courageous jawline. Looking about for a fitting place on which to stand these leather-framed treasures she considered the top of the chill drum, humorously, then actually placed them there, for lack of better refuge, from which vantage point they regarded her with politely interested eyes. Perhaps Jakob Hoogendunk would put up a shelf for her. That would serve for her little stock of books and for the pictures as well. She was enjoying that little flush of exhilaration that comes to a woman, unpacking. There was about her trunk, even though closed but this very day, the element of surprise that glides familiar objects when disclosed for the first time in unfamiliar surroundings. She took out her neat pile of warm woolen underwear, her stout shoes. She shook out the crushed folds of the wine-colored cashmere. Now, if ever, she should have regretted its purchase. But she didn't. No one, she reflected, as she spread it out on the bed, possessing a wine-colored cashmere could be altogether downcast.

The wine cashmere on the bed, the photographs on the drum, her clothes hanging comfortably from their own extended hand. His clatter on the wooden stairway sounded like cavalry on a frozen road.

From belowstairs came the hiss of frying. Selina washed in the chill water of the basin, took down her hair and coiled it again before the swivelling little mirror over the washstand. She adjusted the stitched white bands of the severe collar and patted the cuffs of the brown lady's-cloth. The tight basque was fastened with buttons from throat to waist. Her fine long head rose above this trying base with such grace and dignity as to render the stiff garment beautiful. The skirt billowed and puffed out behind, and was drawn in folds across the front. It was a day of appalling bounciness and equally appalling tightness in dress; of panniers, galleons, plastrons, corsets, bustles, and all manner of lumpy bedevilingment. That Selina could appear in this disfiguring garment a creature still graceful, slim, and pliant was a sheer triumph of spirit over matter.

She blew out the light now and descended the steep wooden stairway to the unlighted parlor. The door between parlor and kitchen was closed. Selina sniffed sensitively. There was pork for supper. There was pork for supper. As the winter wore on she developed a horror of this porcine fare, remembering to have read somewhere that one's diet was in time reflected in one's face; that gross eating made one gross looking. She would examine her features fearfully in the swivelling mirror—the lovely little white nose—was it coarsened? The deep-set dark eyes—were they squinting? The firm, sweet lips—were they broadened? But the reflection in the glass reassured her.

Continued in the Post-Dispatch.

Orange Custard.

Peel and slice four large oranges; arrange in a Pyrex dish and sprinkle one cup of brown sugar over them. Mix 3 yolks of eggs, beaten well, ¼ cup sugar, 2 tablespoons cornstarch, with 1 quart of milk. Boil until thick and smooth. When cooled a little, add 1 teaspoonful vanilla and pour over the oranges. Beat the whites stiff with three tablespoons powdered sugar; spread over the top and brown in the oven. Serve cold.

Vignettes of Life—

-o-

Speaking of Phantasies

-o-

Frank



THE IZAAK WALTON COMPLEX

A Hint of the Art Of Color Harmony In Your Own Home

By WANDA BARTON.

COLOR tones are valued by the interior decorator and are placed where they will do the most good as high spots in the decorative scheme of a room.

In the dining room the side table, veiled with a lace runner, may have a pair of tall amber colored glass candlesticks with lengths of red candles in them, while the large yellow glass plate in the center is filled with rosy-cheeked yellow pears with one or two oranges to lighten the color shading. Against a brown wainscoting or paper the effect of this arrangement is most attractive.

In a large, dark inside room a curtain of gold cloth draped at either side of corner book shelves compelled the eye as surely as a ray of sunshine would have done. It lighted the whole room without in the least detracting from the other decorations. It is in knowing just where to put a color tone to get its full value that counts in decoration.

An odd fancy at one end of a dark hall was a large tridacene glass dish with candlesticks to match placed on a console table which was covered with a Venetian embroidered linen scarf. In the dish were delicate pink and yellow shell flowers glowing with soft light. The flowers are wired by a new method which lights the stems and blossoms as well. While rather expensive, they are very pretty when put in the right place. They also make charming shades for lighted in a room when the right colors are used.

Compo dishes or bowls of colorful glassware are very charming for holding flowers or fruits. Glass or rubber fruit may be used, the latter being particularly natural in appearance, and excellent color effects can be accomplished.

The charming natural flowers made of wood shavings are guaranteed to keep their color and life-like appearance for months and are, therefore, being used for decorations instead of the perishable flowers. These flowers may be used in profusion and by altering their arrangement frequently the color tone is retained indefinitely.

MEDITATIONS OF A MARRIED WOMAN

By HELEN ROWLAND

THOSE MEN.

ONCE the flame has been lighted in a woman's heart a man thinks he has only to "bank" the fire, and go off and leave it to keep it burning indefinitely.

It is the supreme test of a man's domestication, when he cheerfully lets the family cat sleep in his pet chair.

Like the fly, many a girl gets "swatted," just for bothering a man with too much individual attention.

In these days of feminine independence and efficiency, a woman no longer requires a dog or a husband for protection, but just for decoration and something to worry about.

A man's idea of "safety with honor" is to warn a girl in advance that he is a "confirmed bachelor," and then go ahead and accept a fiancée's devotion from her.

After all, an ideal lover is one who has the persistency of the mosquito—and an ideal husband is one with the tenacity of the housefly.

Many a grovelling worm of a lover has been known to turn into a butterfly husband; but turning a husband with full-grown butterfly wings back into the worm of a lover he once was, is against all the laws of nature.

If a man can acquire a reputation for being "odd," he can do all kinds of selfish and impudent things, and still be adored by feminine fools who secretly enjoy being bullied.

The difference between a man's love and a woman's love is just a matter of dimension: a woman loves too long—a man loves too widely.

No girl really loves the moonlight, unless there is something in it besides poetic solitude.

Copyright, 1924.

where the real flowers would fade and die in a few hours.

A little thought and attention to color schemes is all that is required to attain a perfect harmony in decoration that will prove a "thing of beauty and a joy forever."

Change is not made without inconvenience, even from worse to better.

Chocolate Rice.

Boil ½ cup of rice in 2 cups of milk in double boiler, then pour in a deep baking dish, add another cup of milk, 2 tablespoons of sugar and vanilla. Mix 2 tablespoons of milk until smooth and add to rice and milk. Bake ½ hour in a moderate oven. Serve hot with cream.

HOUSEHOLD SUGGESTIONS

Removes Brown Stains.
A solution of borax and water, pretty strong, will remove brown stains from baking dishes. Let stand in the solution over night.

Satisfactory Hangers.
Wind elastic bands around the ends of your clothes hanger and you will not be annoyed any further with dresses slipping from them.

To Clean the White Hat.
The white felt hat that has become soiled may be cleaned with a mixture of 1 quart of cornmeal, 1 cup of salt and 1 cup of flour. Cover hat with mixture and let remain for 24 hours. Then brush off. Repeat if necessary. Of course, this will only clean soil, not dirt and spots.

Baby's Stock Panties.
We mothers spend a good many dollars on rubber pants for baby's first year, but this amount can be lessened if proper care is taken of them. After washing and drying the pants, put them in a box containing a few spoonfuls of talcum powder or cornstarch and shake vigorously. Shake off surplus powder and you will find they are silky and smooth as when new. Consequently, they will not tear so readily and will last many weeks.

Cauliflower Fromage Soup.

One cauliflower, 3 tablespoons Crisco, 3 tablespoons flour, 1 teaspoon salt, ¼ teaspoon pepper, 2 cups meat stock, 2 cups milk, 1 stalk celery, ½ cup grated cheese. Cook cauliflower in boiling salted water until tender. Reserve three flowerlets and press remaining through sieve. Melt shortening, add flour, salt, pepper, stock, milk and celery. Bring to boiling point, stirring constantly. Remove celery and add sieved cauliflower. Serve with a flowerlet in each plate and sprinkle with grated cheese.



by ROYAL S. COPELAND, M.D.

YOUR HEAD

SEEK IMMEDIATE AID IN ACUTE GLAUCOMA.
SOME pains seem worse than others. No one of us is free from pain, but somehow pain in the eye or the harder to bear than other varieties.

Of course, an eye pain carries with it fear that it be added to the physical torture. This means a combination of mental and physical unhappiness.

There is a disease of the eye called "glaucoma," a painless form, the acute variety is extremely agonizing. The common name for glaucoma is "hardening of the eyeball." The reason this is given is because the eyeball actually hardens, so that it may feel like a stone.

Close one eye and place the ends of your index fingers on the upper lid. With great gentleness press rather firmly, first with one finger and then with the other. Under the fingers the eyeball will feel like a thin rubber ball full of water.

In glaucoma the eye has become so hard that you fail to observe the fluctuation of the fluid-filled organ.

The eyeball consists of a rather elastic envelope which contains the humors of fluids. If a tiny knife were pushed through this covering, the humors would escape and the eyeball would fall in like a football with the air out.

These fluids are constantly renewed, so there may be said to be a flow through the eyeball. The supply through secretion just equals the quantity which is drained off into the blood stream. The normal eye, therefore, has a fairly uniform feeling in pressure. In glaucoma something disturbs the normal flow of the eye fluids. The waste canals are obstructed and the fluid dams up and accumulates until the eyeball becomes hard as a marble. This is glaucoma.

You can see that the pressure of the imprisoned fluid will cause the delicate nerves of the eye to cry out with pain. They are pinched and crowded, and suffering most result.

Worse than this, however, is the effect of this internal pressure on the nerve of sight, the optic nerve. It may produce collapse of the

Philosophical Phrasings

Philosophy is the extreme of pride; it is built on the contempt of man.

Love one human being purely warmly, and you will love all.

As the calling dignifies the man, the man much more advances calling.

True politeness is perfect ease and freedom.

Man's life is ever 'the same,' and nothing is lost out of nature, though everything is altered.

That raises false hopes to a present purpose, only a way for disappointment and discontent.

Destiny is to the other virtues man what shade in a picture is to the other parts of the thing presented. It makes all the other virtues conspicuous, which would otherwise be but a wild heap of

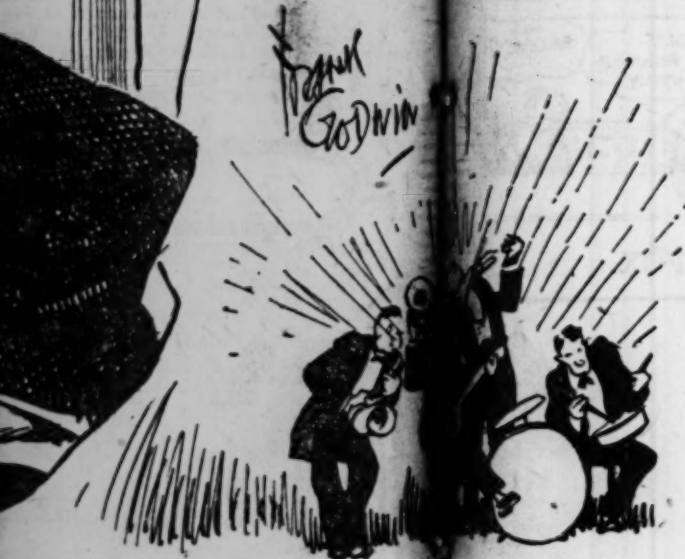
FAMOUS WOMEN
CATHERINE MARY...
153 years ago...
wrote a history...
which was famous...
She was born in...
26 married Dr. George...
a London physician...
staunch believer...
principles, and her...
reflect her keen...
cause of liberty...
ed with George...
several years, and...
America, being...
Washington at...
three weeks' time...

Unusually delicious in the evening
Edy Betty
"The sweet you love to eat"
5¢

Frank Godwin



BEFORE TELLING DREAMS, BE SURE YOUR LISTENER IS NOT A FREUD



YOUR HEALING

Philosophical Phrasings

Activity is the extreme of pride; in built on the contempt of man.

Love one human being purely and warmly, and you will love all.

As the calling dignifies the man, the man much more advances the calling.

True politeness is perfect ease and freedom.

Manhood is ever the same, and nothing is lost out of nature, though everything is altered.

He that raises false hopes to himself, has a present purpose, only to remove the trouble and discontent.

Modesty is to the other virtues as a man what shade in a picture is to the other parts of the thing represented. It makes all the other virtues conspicuous, which would otherwise be but a wild heap of colors.

She Uses

When a Really Good Look wants to make a Really Good Cake

FAMOUS WOMEN

CATHERINE MACAGNAN, the first woman to attain wide fame, was born in 1812, a year after the American Revolution. She was famous for her beauty and her devotion to her husband, George Washington. She was a staunch believer in the principles of liberty and justice for all.

Unusually Delicious in the evening

Lady Betty

The sweet you love to eat

After A Cuticura

Cuticura is a skin medicine that is used for various skin conditions. It is a cream that is applied to the affected area. It is a very effective medicine and is used by many people.

SOLD EVERYWHERE

SKINNE

EGG NOODLES

WINIFRED BLACK ASKS

What's the Happiest Life?

WHAT do you know about Geraldine? All the girls are talking about her, and some of the girls are laughing and some are sighing and some are shrugging their shoulders.

Some of them are sorry for Geraldine. Some think she's a fool and pity her for that. Others think she's an angel and admire her for that. And some look at her and envy her the peace and happiness in her bright eyes.

Geraldine has been married not quite five years—and she has two babies—one's a boy and one's a girl.

She and her husband have a darling little home—nothing grand about it, but it's comfy and pleasant and homelike. Geraldine had a terrible time getting the hydrangeas well started at the front porch, and there was a tree in the little garden that simply wouldn't grow. Geraldine said, out of mere stubbornness.

She watered that tree and she dug around the roots of it and she fertilized the ground—and the mean little tree stood there and folded its branches like stubborn little arms and simply would not grow an inch.

And now, all at once, it has started to grow, and the hydrangeas were perfectly gorgeous this summer—and what do you think? Geraldine is going to move.



WINIFRED BLACK

To Live Their Own Lives.

She says the little house is too small for her, now that there are two babies, instead of one. And, besides, she and Billy have made up their minds to have a good, big family—oh, six or eight children, anyhow, girls or boys—they don't care much which!

Billy sort of hopes for twin sons—there are twins in the family on Billy's side, but Geraldine hopes they won't come in pairs. She hates to think of two birthday cakes and two pairs of rompers to be changed at the same time.

Oh, yes, they're quite in earnest, Geraldine and Billy. And what do you think? They're going out in the country to live—it's a house Geraldine's great-aunt has left to her.

An old-fashioned duck of a house, with a broad hall running through the middle of it, and a queer pair of steep, old-fashioned stairs and a fanlight over the doorway and an orchard, bless you; yes, and a flower garden and a vegetable garden and a barn—not a garage, mind you; barn with hay in it and room for two ponies and a pony cart!

But they're going to build a garage, so that Billy can run back and forth from town in no time.

And they're going to furnish the old house with old furniture and chintzes and things, with pink gingham curtains in the kitchen and a morning glory vine on the back porch, and they're going to begin really to live.

And some people think they're crazy, and some think they're merely feeble-minded, and others think they are just the wisest couple in the world.

Geraldine and Billy don't seem to care very much what anybody says.

They're dead in love with each other, and they like the country and they adore children, and they love dogs and ponies, and gardens and fairy stories, and the Alcott books and the "Last of the Mohicans," and all kinds of old-fashioned things, and—

They're going to live their own lives their own way, and if their friends don't like it, the friends know what they can do.

Has Geraldine Chosen Well?

And Geraldine is as pretty as a pink and as gay as a bird, and Billy is a wonderful dancer, and if you could hear him strum the ukulele you'd never think—honestly, now, don't you wish you were Geraldine?

Don't you wish you and your young husband were going to move into that old-fashioned house this very day, and put up curtains and throw down rugs, and weed the garden and keep the children on the right side of the gate, and sit on the side porch and help the cook shell peas and laugh and grow younger and gayer every time a new baby came into the house?

Hasn't she chosen the happiest life in the world? What do you think about it, honestly? I do wish you'd tell me.

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TRAVEL AND RESORTS



CANADA EUROPE

Travel Cunard

When you buy a Cunard-Canadian Route ticket, you buy not only transportation, but the finest type of travelling accommodation, comfort, luxury, entertainment, meals, personal service, and the peace and quiet of the St. Lawrence River trip, with all of its majestic scenery.

You can change your hotel readily enough if you are disappointed. But, you cannot change your steamer once you are aboard. Make up your mind now to travel Cunard-Canadian.

Cunard courtesy and thoughtful attention are yours at every turn, whether you take cabin or third class passage. The splendid appointments of staterooms, salons, libraries, children's rooms, promenade decks, etc., will make your voyage one of hourly delight.

See the Cunard Agent in your town for detailed information about the ships, rates, sailing dates, etc., or write to

The Cunard Steam Ship Co., Ltd.

1135-1137 Olive St., St. Louis, Mo.

The St. Lawrence Route

"The Pleasure Way to Europe"

The POST-DISPATCH is the only St. Louis evening newspaper giving Associated Press news service.

What to Serve Tomorrow

BREAKFAST.

Grapes.
Cereal.
Scrambled eggs.
Fried bacon.
Coffee cake.
Coffee, cocoa, milk.

DINNER.

Clear soup.
Meat pie.
Mashed potatoes.
Celery salad.
Baked apples.
Coffee, tea, milk.

TEA.

Toasted cheese sandwiches.
Fruit gelatin.
Cake.
Coffee, tea, milk.

MEAT PIE.

Chop one pound veal and one pound pork in small pieces. Dice several carrots, half a dozen stalks celery, and a good-sized onion, and boil with the meat in enough water to cover them. Cook until meat is thoroughly done (in the meantime making pie crust as for any other pie). Fill pie crust shell with the meat and diced vegetables and on top slice a raw potato. Fill pie with juice that vegetables and meat were cooked in—cover top with crust and bake 30 minutes in a slow oven.

BAKED APPLES.

Core large apples, fill holes with brown sugar and bake until soft. Put on ice. Just before serving whip half a pint of cream (enough for four), add brown sugar and vanilla to taste, pile on the apples and return to ice box to chill. Sprinkle top with chopped nuts and top with cherry when serving.

About Soups.

PUREE soup should never precede a hearty dinner, such as meat, vegetables, salad and dessert. Serve it when there is a pick-up dinner where a nourishing soup is required.

With purees, such as pea or tomato, serve small croutons.

With fish soup, such as cream of salmon, serve large croutons.

Bread is served with thin soups.

With chowder serve saltines or any preferred plain cracker.

Celery should be an accompaniment of all soups.

Children's Bedtime Story

By THORNTON W. BURGESS

A Perfect Gentleman

A gentleman's gentleman
In every time and place.
He shows it by the way he acts,
Whatever he must face.

—Jimmy Skunk.



"A little gentleman, if there ever was one," said Farmer Brown's Boy as he watched Jimmy.

JIMMY SKUNK is nothing if not a gentleman. Of course, he had been provoked when he was caught in that box trap of Farmer Brown's Boy. He had been still more provoked when he had been dropped out of it into a barrel. He felt that he had been treated very rudely. But there had been no one on whom to use that little scent gun of his, and so he hadn't used it. It didn't take him more than a minute to find out that he was just as much a prisoner in that barrel as he had been in the box trap. You see, he couldn't climb up the sides of the barrel.

Now, Jimmy, is a philosopher as well as a gentleman. A philosopher is one who believes in making the best of things as they are. Jimmy couldn't get out of that barrel, but he could curl up for a nap. So this is what he did. He was left undisturbed for quite a while, and so it happened that he was asleep when Farmer Brown's Boy tiptoed up and threw a blanket over the top of that barrel. Then, taking care to keep that blanket over the top, Farmer Brown's Boy very gently picked up the barrel and carried it out of the house.

He carried it some distance away from the house and the barn. Then, as gently as he had picked it up, he set it down.

He went back to the barn and got a rake. Then he returned to the barrel. He pulled off the blanket from over the top. Then with the rake he reached out and got hold of the edge of the barrel between the teeth of the rake. Slowly and carefully he pushed the barrel over and gradually let it down until it gently came to

rest on its side. Then Farmer Brown's Boy hastily backed away and waited.

He didn't have to wait long. Jimmy had been awakened by the moving of the barrel. The instant that barrel came to rest on its side Jimmy saw that the way was clear for him to get out. He wasn't afraid to go out. He didn't run out of that barrel and in a very dignified way. His big, plume, black-and-white tail was held high, a sign that he was ready to use that little scent gun of his if there was cause to use it. Outside the barrel he stopped to look around.

No one was in sight but Farmer Brown's Boy, grinning at him a short distance away. Jimmy knew Farmer Brown's Boy. He knew him as a friend. He didn't know that Farmer Brown's Boy had been the cause of his recent troubles, but he felt pretty sure that

Farmer Brown's Boy had helped him out of those troubles. Jimmy lowered his big tail. Then, without hurrying in the least and acting for all the world as if nothing had happened, he walked away. A little way beyond the barrel he stopped, dug down into the grass roots, pulled out a white grub, ate it and calmly went on about his business. Could you have seen him you wouldn't have guessed that anything unusual had happened.

"A little gentleman, if ever there was one," said Farmer Brown's Boy, as he watched Jimmy. "I wonder if it was Jimmy who was under that porch all the time instead of Uncle Billy Possum." And to this day Farmer Brown's Boy doesn't know just how it happened that he caught Jimmy Skunk instead of Uncle Billy Possum.

(Copyright, 1924.)

Potatoes Baked With Bacon.

Prepare potatoes in the usual way for baking and bake until about two-thirds done. Then cut a slit in the middle of each potato trying, however, not to cut the potato in halves. Place in each slit a slice of bacon that has been partially cooked but not until brown or crisp. Finish baking potatoes. Potatoes fixed in this way are delicious, as the bacon flavors the whole potato.

LADIES, WE TEACH Polychroming FREE!

Many useful articles around the home can be made like new. See this demonstration ANY TIME.

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HELENE ART CLAY
THE TROUSSEAU CLAY
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BADER'S
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Superior Coverage

-a proved Quality of Evening Newspapers



The reading habits of the people in the first 21 cities show that America is a nation of EVENING newspaper readers.

St. Louis has long been recognized as an EVENING newspaper city with the Post-Dispatch as the one, big, popular newspaper covering the field.

In each of the other 20 major cities there is a leading EVENING newspaper—there is also a morning newspaper.

In these 21 cities the city circulation of the leading EVENING newspapers reaches the magnificent total of 3,192,980, exceeding the first morning newspapers by 1,097,341—more than 52% Greater Coverage than the morning newspapers.

Thus has the combined judgment of newspaper readers in these 21 major cities proved that the Great American Home everywhere prefer the EVENING newspaper—giving EVENING newspapers a COMPACT circulation that makes the concentration of advertising most profitable.

Shown by an Analysis of 21 Cities

In developing the facts contained in this advertisement the Leading Evening Newspapers listed were compared with the first morning newspaper in each of the cities:

St. Louis Post-Dispatch
New York Journal
Chicago Daily News
Philadelphia Bulletin
Detroit News
Cleveland Press
Boston Globe (G)
Baltimore Sun (S)
Pittsburgh Press
Los Angeles Herald
Buffalo News
San Francisco Call-Pop
Milwaukee Journal
Washington Star
Newark News
Cincinnati Times-Star
New Orleans Times
Minneapolis Journal
Kansas City Star
Seattle Times
Indianapolis News

Illustration: Eugene Allen, Missouri State and National Editor

The Daily Post-Dispatch has 50,000 more city circulation than the only morning newspaper in St. Louis.

The Sunday Post-Dispatch has over 80,000 more city circulation than the only other Sunday newspaper in St. Louis.

-and in St. Louis it's the

ST. LOUIS POST-DISPATCH

The Man on the Sandbox



AN IN AND OUTER.

THERE was a man in our town
And he was wondrous keen;
At every social function he
Was always on the scene.
Among those present you would find
Him always hanging 'round.
But when the bill collector called
He never could be found.

WHAT SAY?

EVEN though you are a rhyming gent
I'll bet my last remaining cent
That you can search the dictionary
And con the whole vocabulary
And never find a word to rhyme
With the name of our President
at this time.

J. O. Z.

It looks as though you had me, son.
Because it simply can't be done;

But I will bet a silver dollar
That while I am no sage or scholar
Nor even a tutor or professor
I'll find a rhyme for his successor.

QUITE SO.

We have no objection to the Prince of Wales chewing gum if he feels the urge. But we hope he is gentleman enough not to throw any on the sidewalk after extracting all the juice.

After all, there is no reason why the Prince can't chew gum without being stuck up.

"Ruins of Lepis Magna Rival Those of Pompeii."
Probably in everything but "Last Days."

"Five Robbers Get Five Years Each."
Fair enough. No discrimination there.

KRAZY KAT—By HERRIMAN

Copyright, 1924.

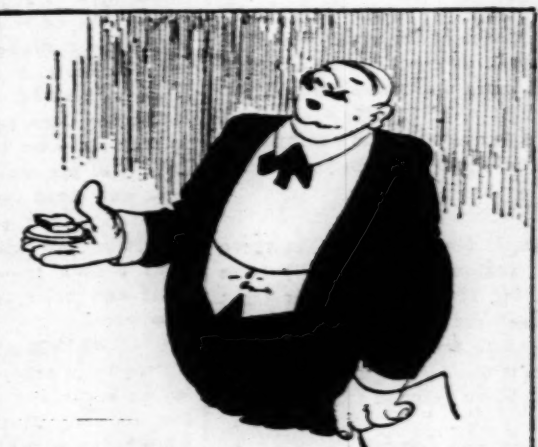


LIFE'S LITTLE JOKES—NUMBER 768,900—By RUBE GOLDBERG

(Copyright, 1924.)



HERE'S A POOR, STRUGGLING WAITER NAMED HANNIBAL WRIGHT, WHO IS WILLING, EFFICIENT AND FAST AND POLITE.



WHILE HERE IS A WAITER, NAMED PERCIVAL FLUTTER, WHO DOES NOTHING AT ALL BUT DELIVER THE BUTTER:



BUT WRIGHT GETS A TIP OF A MISERABLE DIME, AND HE'S PERFECTLY SATISFIED MOST OF THE TIME.



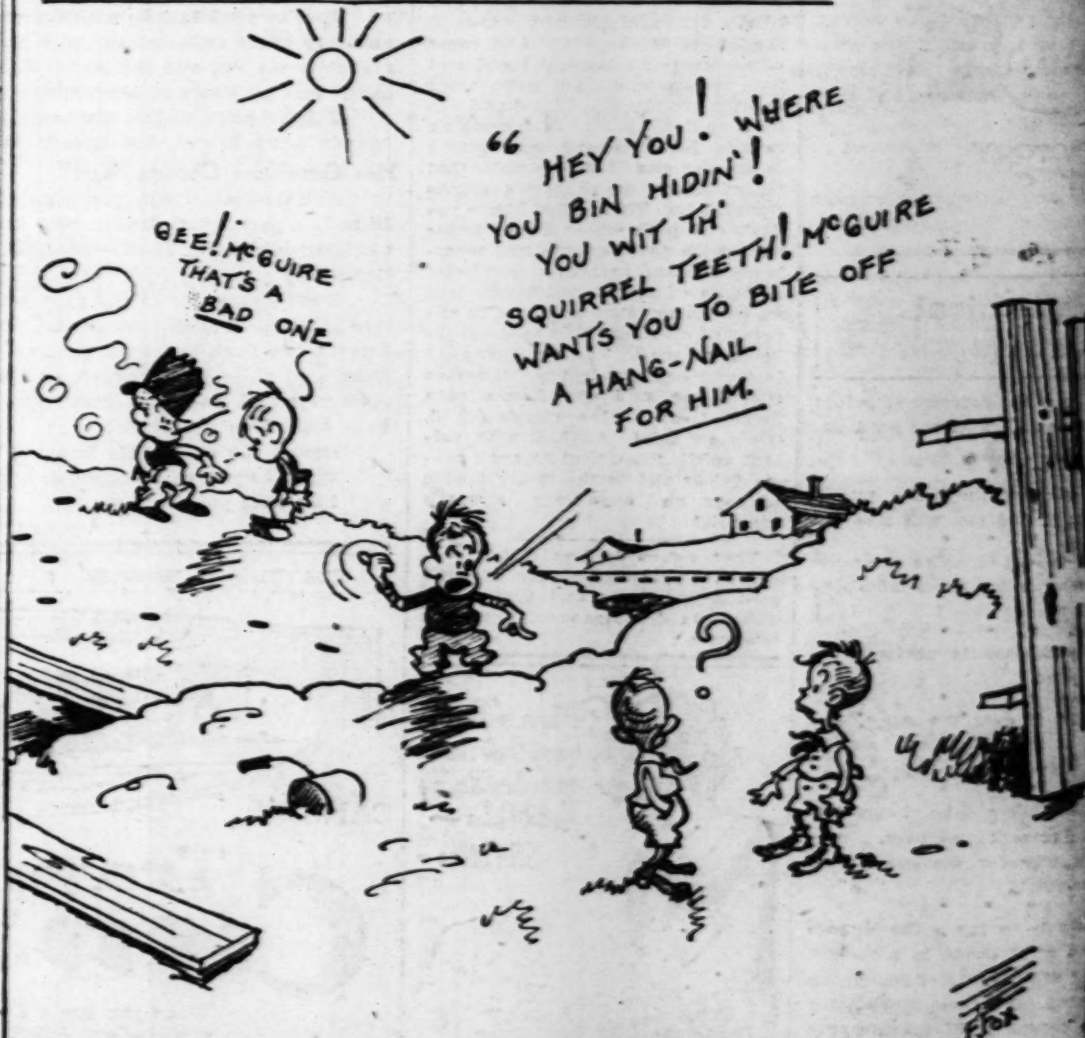
WHILE FLUTTER'S BIG TIPS SWELL HIS DOUGH IN THE BANKS, BUT NOT ONCE IN HIS LIFE HAS HE EVER SAID, "THANKS!"

CAN YOU BEAT IT?—By MAURICE KETTEN



MICKY (HIMSELF) McGUIRE—By FONTAINE FOX

McGUIRE CAME ACROSS THE R.R. TRACKS INTO THE MORE POLITE RESIDENTIAL DISTRICT TO UNDERGO A SLIGHT SURGICAL OPERATION.



SOMEBODY IS ALWAYS TAKING THE JOY OUT OF LIFE—By BRIGGS



ST. LOUIS POST-DISPATCH

WEEKLY

RADIO GUIDE

BROADCASTING
PROGRAMS OF
PRINCIPAL STATIONS

Section of the ST. LOUIS POST-DISPATCH
SATURDAY, OCTOBER 4, 1924.

ADVANTAGES OF THE INVERSE DUPLEX CIRCUIT

An outstanding development in radio at the threshold of the new season is the marked popular and scientific interest in the Inverse Duplex Circuit.

Although many radio-users already know of the unique features and advantages of this circuit, based on the Grimes patents, the recent licensing of four important companies to manufacture sets under the Inverse Duplex System has resulted in widespread inquiries for information about this type of set and the principles underlying it. In response to numerous requests Edgar G. Sisson Jr., Chief Engineer of the Mercury Co., has given a clear-cut explanation of the action and efficiency of the circuit.

The terms inverse duplex and reflex mean the return of the energy through tubes already used in the amplification of this same energy," said Mr. Sisson. "In other words, making one tube do the work of two.

The simplest method of receiving radio energy is by the use of a crystal or tube detector without the use of extra amplification. Inasmuch as it takes a certain minimum amount of current to make either a crystal or tube detector start functioning—and in the use of a crystal this minimum current is quite large—the receiving radius of such a set is not very great, unless some method is used to increase the amount of energy before it reaches the detector. There are two methods of doing this at the present time. One is by regeneration, which can be used only with a vacuum tube detector, and the other is by amplifying the radio wave at the frequency at which it is received, that is, by radio frequency amplification, and then putting this current into the detector to be changed to audible frequencies. After the energy has been made audible, it can then be amplified again until the desired volume is obtained. Thus it is seen that the sensitivity of a set is dependent upon radio frequency amplification before the energy reaches the detector, or upon regeneration, and that the volume is largely dependent on the audio frequency amplification. The sensitivity of a set is also dependent on the efficiency of the detector—that is, a radio frequency set employing a crystal detector would not be as sensitive as if the same set used a vacuum tube detector, because the tube detector changes a much greater percentage of current to audible frequencies than does a crystal detector.

At the present time nearly everyone who wants a radio receiving set wants to be able to hear distant stations, and wants to hear them with good volume, so that to fill these requirements it is necessary to have a sensitive set. It is also necessary to have a set that will amplify the signals so they can be heard on a loudspeaker. Such a set would require a number of tubes were it not for the fact that it is possible to pass both

audio and radio frequency currents through the same tubes, as is done in the Inverse Duplex Circuit. It might seem at first to be impossible to make a tube amplify currents of different frequencies at the same time, but it is perfectly analogous to the case of the diaphragm of a telephone receiver or loudspeaker, which responds to the tones of all the different instruments in an orchestra, so that each of these can be heard distinctly.

"The reflex principle was invented by a Frenchman, Marius La Tour, who amplified a current through a series of tubes at a radio frequency, and then came back to the beginning and amplified the currents through the same tubes at an audio frequency. This system has certain disadvantages, due to the fact that the strongest audio and the strongest radio frequency currents are in the same tube, thus unbalancing the circuit and making it very unstable.

"To David Grimes goes the credit of improving La Tour's system by reflexing inversely. After amplifying a current at a radio frequency, he put the audio currents through the amplifier tube backwards, so to speak, going from the last to the first tube. This balances the load on all the tubes, makes the circuit stable and makes possible the increase in efficiency of both the radio and audio frequency circuits.

"The greatest advantage of the Inverse Duplex is, of course, its economy in tubes and batteries. Even though a tube is used to amplify two different currents at the same time, it draws no more current from the "B" battery (plate battery) than if it were used to amplify only one current. This is due to the fact that the plate current drawn by a tube is dependent on the resistance between the plate and filament.

"When the filament of a tube is lit, electrons—negative particles of electricity—are emanated, and if the plate battery is connected with the positive side to the plate, these electrons will be attracted to the plate, thus forming a path for the battery current. This electron path between the filament and plate has a definite resistance and in the case of the present day amplifier tubes, this resistance is between 20,000 and 60,000 ohms, depending on the plate battery voltage. Even though the current being amplified makes a variation in the plate current, this variation goes both positive and negative in relation to the steady plate current, so the average current is of no greater intensity whether a current is being amplified or not. This also holds true even though several currents are being amplified in the same tube at the same time. So it is readily seen that if a tube can be used to amplify two currents at the same time, as is done in the Inverse Duplex, a definite saving can be made in both the plate and filament batteries, because fewer tubes are needed to do the work. This is an important consideration, because the life of a "B" battery is decreased in greater proportion than the number of tubes used. For example, the "B" batteries for a set hav-

ing three amplifier tubes will last approximately twice as long as if the same set had four amplifier tubes.

"Besides these economic advantages, the Inverse Duplex has a number of other advantages, both over the unreflexed circuits and the straight or La Tour reflex. One of these is the stability of the Inverse Duplex, and also the fact that it stabilizes the radio frequency circuit so that some of the actual drastic methods of preventing oscillation are entirely unnecessary, thus increasing the efficiency of the radio circuit. In a like manner, the audio frequency circuit is stabilized, making it possible to use three steps of audio frequency amplification with very little trouble. This stabilization is due to the fact that by reflexing inversely and equalizing the load on all tubes, the circuit is very well balanced as opposed to the unbalanced La Tour circuit.

"It might be well to point out some of the problems which arise in construction. As has been said, the balancing of the Inverse Duplex Circuit abolishes the necessity of the more radical methods used to prevent oscillation. However, there are certain things to watch for in the physical layout of the set so as to prevent interaction between its component parts.

"It is of prime importance in any radio receiver to prevent oscillation in the tubes, as a tube will not amplify when oscillating. Oscillation is the result of three different causes—capacity coupling—magnetic coupling, and inductive resonance. All three of these causes can be prevented by care taken in the construction of the set. Following are a few suggestions:

"By capacity coupling is meant, interaction between grid and plate circuits, due to the capacity between either wires or transformers, and in some cases between the separate parts of the set itself. In wiring, it is necessary to keep the grid and plate wires as far apart as possible, making the grid wires as short as possible. To minimize capacity coupling between transformers, they should be kept a reasonable distance apart and at right angles to one another. This also reduces the magnetic coupling.

"For all practical purposes it is not necessary to be careful of the position of the radio frequency transformers in relation to the audio transformers, but it is of prime importance to keep the radio transformers at right angles to each other. As any magnetic interaction in the radio frequency circuit will cut down the efficiency of the set a great deal. When a tuned radio frequency transformer is employed in the radio frequency circuit, it is necessary to have the inductance of this transformer different from the inductance of the grid circuit, for, when the grid and plate circuits are of the same inductance, inductive resonance is set up between the grid and plate, thereby causing the tube to oscillate. The inductance of the plate circuit can be changed by varying the number of turns of wire on the primary of the tuned transformer.

"Further, to stabilize and balance the

Inverse Duplex Circuit, it has been found desirable to regulate the amount of incoming energy. This is accomplished by a unique arrangement, invented by Grimes, and peculiar to all the Inverse Duplex Sets, with which, by means of tapping the antenna coil or loop, the voltage impressed on the grid of the first tube can be varied according to the number of turns connected between the grid and filament. This affects the tuning of the set very slightly, and gives an even control of the incoming energy, controlling the overloading of a set, when it is close to a broadcasting station. Also, when using tuned radio frequency amplification, the use of a grid tap on the secondary of the tuned transformer prevents oscillation, and in that way no potentiometer or "stabilizer"—which, by the way, is inefficient, because it puts a positive voltage on the grid—is needed, and the efficiency of the radio circuit is thereby increased.

"It has been explained that by balance and prevention of oscillation the efficiency of both circuits can be brought to a maximum. It is possible, when an efficient input circuit and two stages of radio frequency amplification are employed, to obtain excellent results with a loop. It is becoming more essential for a set to permit loop operation, because of the decided advantages derived under certain conditions. The greatest of these is the elimination of a great deal of static interference. As a loop receives in one direction only, it naturally picks up only the static coming in the direction, cutting out the static that is coming in at right angles to its plane. A loop has the further advantage of assisting in separating signals which are coming in at right angles to one another. It is also desirable in the case of residents of apartment houses, who, because of objections or physical impossibility, cannot put up an aerial.

"It is well to keep in mind that location has a great deal to do with the intensity of the signal received. This being true of an antenna, it is much more so when using a loop, as a loop picks up in the neighborhood of one per cent of the energy received on the average antenna. There are some locations where it would be foolhardy to attempt to operate on a loop, as there are large areas where reception is sub-normal. The above not only applies to districts, but also, in the case of loop reception, to the location of the loop in the room.

"If a person has a sensitive set that is capable of picking up distant stations, he wants that set to be able to tune out the local stations so that he can hear the distant stations while the locals are on. To do this, it is necessary to use at least one stage of tuned radio frequency amplification, and if very sharp tuning is desired, two stages of tuned radio frequency amplification. This is particularly true if a set is very close to a broadcasting station. "Since tuned radio frequency amplification is very efficient when applied to the Inverse Duplex, due to the Grimes tapping method and also the stability of the circuit, such a combination makes an excellent set, combining sensitivity, selectivity, volume and quality, using few tubes."

STATIONS

10:00 to 11:00 p. m.—Art Hickman's dance orchestra from the Biltmore Hotel.

FRIDAY, OCT. 10.
8:00 to 10:00 p. m.—Program presented through the courtesy of Mullen & Bluet, arranged by G. Allison Phelps.
10:00 to 11:00 p. m.—Art Hickman's dance orchestra from the Biltmore Hotel.

SATURDAY, OCT. 11.
8:00 to 9:00 p. m.—Program presented through the courtesy of the Continental National Bank, arranged by Thorolf Olsen.
10:00 to 11:00 p. m.—Program presented through the courtesy of the Greater Westlake Business Association.

10:00 to 11:00 p. m.—Art Hickman's dance orchestra from the Biltmore Hotel.

KYW—CHICAGO, ILL. (536 METERS)

(Central Time.)
SUNDAY, OCT. 5.
2:30 p. m.—Studio Chapel service.
7:00 p. m.—Chicago Sunday Evening Club service. The speaker of the evening will be Former Chief Justice John H. Clarke.

TUESDAY, OCT. 7.
7:00 p. m.—Dinner concert broadcast from the Congress Hotel.
7:30 p. m.—"Around the Town With KYW in Chicago" (stage revue).
8:00 p. m.—Musical program.
10:00 p. m.—"At Home" program.

WEDNESDAY, OCT. 8.
7:00 p. m.—Dinner concert broadcast from the Congress Hotel.
8:00 p. m.—Musical program. Helen Kimball, soprano; Louis Meehan, tenor; Earl Westland, pianist.
8:30 p. m.—"Around the Town With KYW in Chicago" (stage revue).
9:15 p. m.—Talk by Mr. W. A. Durgin.
12:30 a. m.—Organ recital by W. Remington Welch.

THURSDAY, OCT. 9.
7:00 p. m.—Dinner concert broadcast from the Congress Hotel.
8:30 p. m.—Musical program: Marguerite Gethardt, soprano; George D. Horne, baritone; Ruth McBride, pianist.
10:00 p. m.—"At Home" program.

FRIDAY, OCT. 10.
7:00 p. m.—Dinner concert broadcast from the Congress Hotel.
7:30 p. m.—Program broadcast from KYW's Studio.

NTS

KSD 546 Meters

Saturday—3:00 P. M.
Broadcasting program at Scripps-Vandervoort—Harney Rogers, soprano; Selma Muriel Frank, child-pianist; Evelyn D. Friley, dramatic soprano; Wm. M. Jenkins, organist.

7:00 P. M.
Orchestral music and specialities broadcast direct from Missouri Theater.

Program
1—Overture "Caprice Italienne," Tchaikovsky.
2—Organ Solo—Novelty.
3—Personal addresses of President Coolidge and Hon. John W. Davis, through the medium of the DeForest Phonofilm.
4—Orchestral and organ music accompanying the feature picture, "Her Love Story."

SUNDAY, 2 P. M.—World's Series baseball game, play by play.
Sunday—4:00 P. M.
Symphony Concert at Missouri Theater, Missouri Concert Orchestra, Joseph Littau, conductor.

9:00 P. M.
Broadcasting music and specialities direct from Grand Central Theater.

m. Chime concert; 8:15 p. m.—Broadcasts of University of Cincinnati-Georgetown College Night football game, direct from James Gamble Nippert Stadium. 12 p. m. Midnight entertainers; 12:30 a. m. Freda Sankar's Ragamuffins.

WB—Atlanta, Ga. (429): 8 p. m.—The McConeils, Ed and Grace, from Newman, Ga.; 10:50 p. m.—John McCrindle, "Radio's Harry Lauder"; Miss Bonnie Barnhardt, WB staff artist; others.

WTAM—Cleveland, O. (596): 8 to 7:30 p. m.—Hotel Statler dinner concert; 9 p. m. to midnight. Dance program by WTAM Dance Orchestra.

WJ—Detroit, Mich. (517): 7 p. m.—The Detroit News Orchestra.

WEEKLY RADIO GUIDE—Section of the St. Louis Post-Dispatch—October 4, 1924.

Page Three.

TO BE BROADCAST THIS COMING WEEK

9:30 p. m.—Midnight revue.
11:30 p. m.—Organ solo by Mr. W. Remington Welch.

SATURDAY, OCT. 11.
7:00 p. m.—Dinner concert broadcast from the Congress Hotel.
8:00 p. m.—Musical program: Adeline Keller, soprano; Mildred Pike, contralto; George Morosoff, tenor; Sallie Menkes, accompanist.
9:35 p. m.—Late show.

WAOW—OMAHA, NEB. (360 METERS)

(Central Time.)
MONDAY, OCT. 6.
7:30 to 9:00 p. m.—Union Pacific Radio Orchestra.

THURSDAY, OCT. 9.
8:00 to 9:00 p. m.—Educational program. Talks, Rev. Brown, J. W. Kris. Solos.

WBAP—FORT WORTH, TEX. (476 METERS)

(Central Time.)
SUNDAY, OCT. 5.
11:00 a. m.—Services of the First Methodist Church, Rev. J. W. Bergin, pastor.

4:30 p. m.—Concert from the Rialto Theater.
11:30 p. m. to 12 midnight—Concert.
MONDAY, OCT. 6.
7:30 to 8:30 p. m.—Moments from the Majestic Theater.

9:30 to 10:45 p. m.—Concert by Miss Elena Munster of Dallas, and assisting artists.
TUESDAY, OCT. 7.
7:30 to 8:30 p. m.—Dance program by Frenley Moore's Black and Gold Serenaders Orchestra from the Aviation Garden. (E. L. O.)

9:30 to 10:45 p. m.—Concert.
WEDNESDAY, OCT. 8.
7:30 to 8:30 p. m.—Concert offered by the School of Music of the Texas Christian University.

9:30 to 10:45 p. m.—Concert of dance music.
THURSDAY, OCT. 9.
7:30 to 8:30 p. m.—Concert by the Texas Hotel Orchestra.

9:30 to 10:45 p. m.—Concert by the Thorp Spring Christian College.
FRIDAY, OCT. 10.
7:30 to 8:30 p. m.—Monthly concert by the North Texas A. & M. College Band of Arlington, Tex.

9:30 to 10:45 p. m.—Concert by Old Time Fiddlers of Crowley, Tex.
WBZ—SPRINGFIELD, MASS. (337 METERS)
(Eastern Time.)
SUNDAY, OCT. 5.
8:30 p. m.—Concert.
9:30 p. m.—Edna Kimball, mezzo-soprano recital.

10 p. m.—Selections on musical saw by Stanley H. Greenlaw, accompanied by Miss Edna Gove.
MONDAY, OCT. 6.
7:45 p. m.—Concert by the Westinghouse Philharmonic Trio, and Mildred L. Bryant, soprano; Katherine Gravelin, accompanist.

8:15 p. m.—Concert by Louise Spear Wilson, soprano and reader; Etta Kastner, harp, flute, and Lena B. Knox, accompanist.
9 p. m.—Band concert by the Aleppo Drum Corps, or Shriner's Band.
9:30 p. m.—Baritone recital by Walker Chamberlain accompanied by Arthur Landen.

10 p. m.—Musical program from the Hotel Kimball, Springfield.
11:30 p. m.—Program of dance music by McEnelly's Singing Orchestra.
TUESDAY, OCT. 7.
7:45 p. m.—Copley Plaza Orchestra.

8:30 p. m.—Concert by Marion White, soprano; Elsie Poole, pianist, and Eva Whitmore, violinist.
9:30 p. m.—Concert by Walter I. Cowlishaw, baritone; Rosalie H. Wheelock, accompanist; Mrs. Helen Whitmore, soprano; Mrs. Ella E. Palmer, contralto.

11:15 p. m.—Musical program.
WEDNESDAY, OCT. 8.
7:45 p. m.—Concert by the Westinghouse Philharmonic Trio and Irene Atkins, pianist.

8:15 p. m.—Musical selections by the Women's Philharmonic Orchestra broadcast direct from Horticultural Hall Food Fair.
9:45 p. m.—Concert by Maude Erickson, soprano; Vincenzo Spolozino, tenor.
10 p. m.—Concert by Mrs. Fred Winslow Adams, soprano; Willard Clark, baritone; Benjamin Buxton, accompanist.

11:30 p. m.—Leo Reisman and his Hotel Brunswick Orchestra.
THURSDAY, OCT. 9.
7:45 p. m.—Musical program by Charles R. Hector with his St. James Theater Orchestra.

8:15 p. m.—Musical program.
FRIDAY, OCT. 10.
9:15 p. m.—Recital by Jessie M. French, contralto, and Maud Farrow Middleton, accompanist.

FRIDAY, OCT. 10.
10:30 p. m.—To be announced.
11 p. m.—Concert by the Westinghouse Philharmonic Trio, and Alwyn E. W. Bach, baritone; Katherine Gravelin, accompanist.

11:30 p. m.—Program of dance music by McEnelly's Singing Orchestra.
SATURDAY, OCT. 11.
7:40 p. m.—Concert by the Hotel Kimball Trio.
8:30 p. m.—Musical program by the Women's Philharmonic Orchestra.

9 p. m.—Program by the Weltman Conservatory Junior Orchestra.
10 p. m.—Concert by Albert Edwards, baritone.
WCAE—PITTSBURG, PA. (462 METERS)
(Eastern Time.)
SUNDAY, OCT. 5.
6:30 p. m.—Dinner concert transmitted from William Penn Hotel.

MONDAY, OCT. 6.
8:30 p. m.—Musical program by Mrs. J. V. Millichamp, soprano soloist, and guest artists.
1:00 a. m.—Midnight Frolic.
TUESDAY, OCT. 7.
8:30 p. m.—Recital by Miss Anna Young, soprano; Miss Margaret Jackson, pianist, and co-operating artists.

11:00 p. m.—Late concert.
WEDNESDAY, OCT. 8.
8:30 p. m.—Vocal concert by Grace B. Brown, soprano soloist, and co-operating artists.
THURSDAY, OCT. 9.
8:30 p. m.—Moore's Cafeteria Weekly Radio Review.

FRIDAY, OCT. 10.
8:30 p. m.—Mixed program by pupils from the studio of Mrs. Anna Viehmier.
SATURDAY, OCT. 11.
8:30 p. m.—Musical program.

WCBD—ZION CITY, ILL. (345 METERS)
(Central Time.)
MONDAY, OCT. 6.
8:00 p. m.—Program given by the Brass Quartet, assisted by the following performers: male quartet, Messrs. Hendricks, Mehaffey, Bagz and Neave; contralto solo, Miss Edith Carey; baritone solo, Mr. Chester Bagz; reading, Miss Ruth Beem; piano solo, Miss Bessie Wiedman.

THURSDAY, OCT. 9.
8:00 p. m.—Program given by the male chorus, assisted by the following performers: Trio for violin, viola and piano, Mr. Richard Hire and Mr. and Mrs. L. J. Hire; xylophone solo, Mr. George Beem; soprano solos, Miss Ida Peterson; baritone solo, Mr. R. F. Reid; contralto solo, Mrs. Glen R. Sparrow; reading, Miss Esther Strachan.

WCX—DETROIT, MICH. 517 METERS)
(Eastern Time.)
MONDAY, OCT. 6.
6 p. m.—Dinner concert, broadcast from Hotel Tuller.
7 p. m.—Musical program.

TUESDAY, OCT. 7.
6 p. m.—Dinner concert, broadcast from Hotel Tuller.
10 p. m.—Red Apple Club.
WEDNESDAY, OCT. 8.
6 p. m.—Dinner concert, broadcast from Hotel Tuller.
7 p. m.—Musical program.

THURSDAY, OCT. 9.
6 p. m.—Dinner concert, broadcast from Hotel Tuller.
7 p. m.—Musical program.
FRIDAY, OCT. 10.
6 p. m.—Dinner concert, broadcast from Hotel Tuller.
SATURDAY, OCT. 11.
6 p. m.—Dinner concert, broadcast from Hotel Tuller.

9:15 p. m.—Recital by Jessie M. French, contralto, and Maud Farrow Middleton, accompanist.

FRIDAY, OCT. 10.
10 p. m.—Concert by J. K. Murray, tenor and Clara Lane, soprano.
10:30 p. m.—To be announced.
11 p. m.—Concert by the Westinghouse Philharmonic Trio, and Alwyn E. W. Bach, baritone; Katherine Gravelin, accompanist.

11:30 p. m.—Program of dance music by McEnelly's Singing Orchestra.
SATURDAY, OCT. 11.
7:40 p. m.—Concert by the Hotel Kimball Trio.

8:30 p. m.—Musical program by the Women's Philharmonic Orchestra.
9 p. m.—Program by the Weltman Conservatory Junior Orchestra.
10 p. m.—Concert by Albert Edwards, baritone.

WCAE—PITTSBURG, PA. (462 METERS)
(Eastern Time.)
SUNDAY, OCT. 5.
6:30 p. m.—Dinner concert transmitted from William Penn Hotel.

MONDAY, OCT. 6.
8:30 p. m.—Musical program by Mrs. J. V. Millichamp, soprano soloist, and guest artists.
1:00 a. m.—Midnight Frolic.
TUESDAY, OCT. 7.
8:30 p. m.—Recital by Miss Anna Young, soprano; Miss Margaret Jackson, pianist, and co-operating artists.

11:00 p. m.—Late concert.
WEDNESDAY, OCT. 8.
8:30 p. m.—Vocal concert by Grace B. Brown, soprano soloist, and co-operating artists.

THURSDAY, OCT. 9.
8:30 p. m.—Moore's Cafeteria Weekly Radio Review.
FRIDAY, OCT. 10.
8:30 p. m.—Mixed program by pupils from the studio of Mrs. Anna Viehmier.

SATURDAY, OCT. 11.
8:30 p. m.—Musical program.
WDAR—PHILADELPHIA, PA. (395 METERS)
MONDAY, OCTOBER 6.
8 p. m.—Arcadia Cafe Concert orchestra; Feri Sarkosi, director; Mr. E. E. Schermerhorn, "Fire Prevention."

8:15 p. m.—Mr. Edwin Mathews, "Intimate Talks on 'Flowers and Gardens.'"
8:30 p. m.—Artist recital from the studio.
9:30 p. m.—Features from the Stanley Theater; overture by the Stanley Symphony orchestra, Sidney Lowenstein, conductor.

10 p. m.—Arcadia Cafe Dance orchestra, Howard Lanin, director; vaudeville features from Fay's Knickerbocker Theater.
WEDNESDAY, OCTOBER 8.
8 p. m.—Travel Talk; Fire Station stunt, talk by Assistant Director Elliott; program of dance music by Kentner Green Hills Farm orchestra; Herman Kentner, director.

10 p. m.—Howard Lanin's dance orchestra from the Arcadia Cafe.
FRIDAY, OCTOBER 10.
8 p. m.—"WDAR Walter Greengough Players," artist recital from the studio.
10 p. m.—Meeting of the Morning Glory Club.

1 p. m.—Howard Lanin's dance orchestra.
WEAF—NEW YORK, N. Y. (492 METERS)
(Eastern Time.)
SUNDAY, OCT. 5.
7:20 p. m.—Musical program by "Roxie and His Gang," direct from the Capitol Theater, New York City.

9:15 p. m.—Organ recital direct from the Studio of the Skinner Organ Co., New York City.
MONDAY, OCT. 6.
6:00 to 10:00 p. m.—Dinner music from the Rose Room of the Hotel Waldorf-Astoria, New York City; health talk, by Dr. Lago Gaidston; Sara Dunn, mezzo contralto; Paragon Novelty Trio; John McLaughlin, tenor; music by the A. and P. Gypsies.

TUESDAY, OCT. 7.
6:00 to 10:00 p. m.—Dinner music from the Rose Room of the Hotel Waldorf-Astoria, New York City; Victor Young, baritone; August Eckert, Swiss Zither player; third of a series of lectures on "Politics in Theory and Practice," by Prof. Raymond Moley, speaking under the auspices of Columbia University; The Gold Dust Twins; "The Eveready Hour."

WEDNESDAY, OCT. 8.
6:00 to 10:00 p. m.—Dinner music from the Rose Room of the Hotel Waldorf-Astoria; Charles Tobias, tenor; talk by American agriculturist; Carrie B. Brookins, pianist; Emma Burkhardt, contralto; Empire State Novelty Orchestra.
THURSDAY, OCT. 9.
6:00 to 12:00 p. m.—Dinner music from the Rose Room of the Hotel Waldorf-Astoria; mid-week services under the auspices of the Greater New York Federation of Churches; Messner Brothers Dance Orchestra; Joseph

die and Bobbie Kuhn's K. C. A. C. Orchestra.
TUESDAY, OCT. 7.
5:00 to 5:30 p. m.—Child talent program, presented by the junior division of the Missouri Federated Music Clubs.
6:00 to 7:00 p. m.—Music—Fritz Hanlein's Trianon Ensemble.
11:45 p. m. to 1:00 a. m.—The Plantation Players, Hotel Muehlebach; Ed-die and Bobbie Kuhn's K. C. A. C. Orchestra.

WEDNESDAY, OCT. 8.
6:00 to 7:00 p. m.—Music—Fritz Hanlein's Trianon Ensemble.
8:00 to 9:45 p. m.—Program arranged and presented by Miss Beatrice Poin-dexter and Ms. Jennie Schultz.
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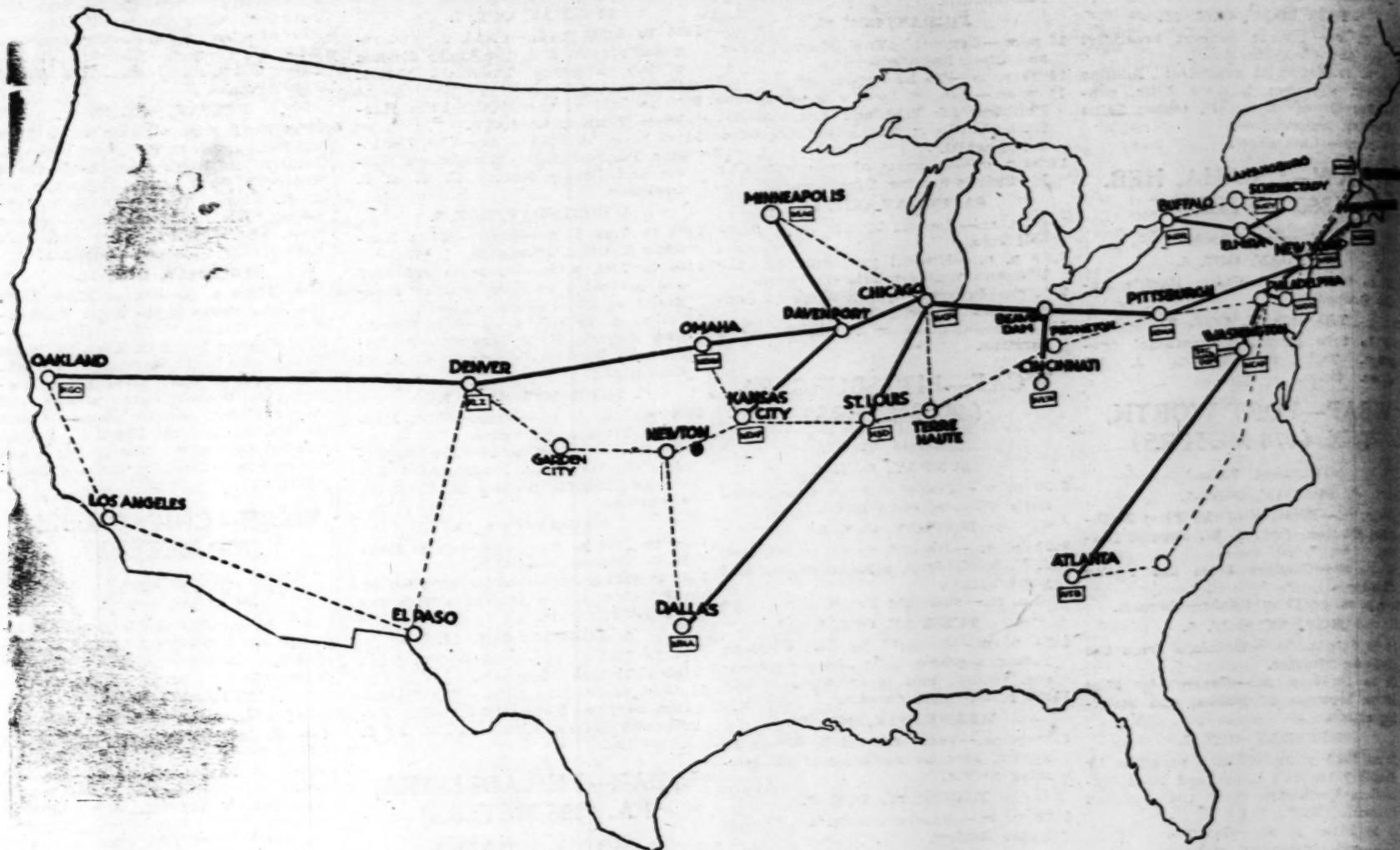
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The Biggest Broadcasting Feat Ever Attempted



ONE of the far-reaching services which our telephone lines could render in case of national emergency, was well illustrated on the evening of Defense day. Nineteen thousand miles of circuit had their focus in the National Capitol and were operated as a single unit enabling the Generals in charge of the Defense day activities at four widely separated army corps centers of the country to communicate with their headquarters in Washington where sat the Hon. John W. Weeks, Secretary of War, and Gen. John W. Pershing.

In addition to bringing into Washington direct reports from the corps areas, the 19,000-mile telephone network was tapped in 19 cities throughout the country to permit the proceedings to be broadcast by as many radio stations. This is the greatest nationwide broadcasting event on record, stations extending all the way from Boston to San Francisco and from Minneapolis to Atlanta and Dallas being tied together by long distance lines. How many people heard the final program of Defense day as broadcast, it is impossible to say, but it was an event never to be forgotten by those numbered among the radio audience. This use of the circuits, which virtually reduced the nation to the dimensions of a small chamber for the time being, was the Bell System's contribution to Defense day and the success of the event was facilitated by the fact that it was under the auspices of the army authorities.

At 9:15 p. m., Eastern standard time, Major-General McK. Saltzman, the chief signal officer of the army, was introduced to the radio audience by the an-

nouncer of WCAP, the radio station of the Chesapeake and Potomac Telephone Co. Gen. Saltzman was followed by Secretary Weeks who, after a short address in which the work of Gen. Pershing, the retiring General of the Armies of the United States, was eulogized, introduced the General himself. Gen. Pershing was followed by Gen. Carty and it was under his direction that the major demonstration of our telephone network was given. He called the roll of the four army corps centers after which Gen. Pershing obtained in turn a report of the day's activities from Major-General Robert Lee Bullard in New York, Major-General Harry C. Hale in Chicago, Major-General George B. Duncan in Omaha and Major-General George C. Morton in San Francisco.

This necessitated two-way transmission over part of the network. Ordinarily, in the connecting of broadcasting stations together so that they may receive a common program, transmission is merely one-way, that is, outward from the point which the program is rendered. To permit of two-way transmission, the main circuit of the network which connected San Francisco with Washington and which passed through the other radio stations heard the various speakers by way of Washington. For example, when Major-General Morton in San Francisco talked into his transmitter, his words were not carried directly to station KGO just across the bay in Oakland, but first went to Washington over

the pair of wires used for transmission eastward and then came back on the pair used for transmission westward, making a total journey of some 6000 miles before reaching station KGO. This may seem, at first sight, to be an unnecessarily complex method of distributing the program, but when it is remembered that Major-General Morton in San Francisco was relayed not only to station KGO but also to 17 other stations, many of them in the Eastern part of the country and most of them not on the direct route of the transcontinental circuit, it is evident that to have everything go by way of Washington became the most logical arrangement.

As already stated, a broadcast program carried on from 18 stations scattered throughout the entire country and connected by 19,000 miles of telephone circuit is the largest event of its kind on record. The proper handling of such a vast array of stations and lines is an engineering problem of the very first magnitude. A supposed analogy is sometimes drawn between train dispatching and telephone dispatching, and while there are certain similarities there is one outstanding difference. In dispatching trains, it is only necessary to know the condition of the track a short distance ahead of each train. Before any telephone traffic can be dispatched the circuit it requires must be operative as single units from end to end. Whereas a train travels but a few feet a second, an epoch making event in the history of communication. The department of the 19,000 miles of line received the program at virtually the same instant. The time required for words to travel from San Francisco to Washington or in the reverse direction was only 1-50 of

a second and obviously in order to do what was required of it the national network had to be in perfect operating condition over every inch of its length throughout every moment of the program.

The stations participating were: Washington, WCAP; New York, WJAF; Philadelphia, WJAF; Providence, WJAF; Boston, WGY; Schenectady, WGR; Buffalo, WKBW; Pittsburgh, KDKA; St. Louis, WLB; Kansas City, WDAF; Omaha, KLB; Denver, KGO; Chicago, WGN; Minneapolis, WLAG; St. Paul, WJAF; St. Louis, WLB; Dallas, WFAA; El Paso, WFAA.

Gen. John J. Carty, speaking from the War Department Friday night, introduced the call of the roll of Generals with the following significant paragraph: "To illustrate in a practical manner the functions of communication, I now call over the long distance wires a number of cities and towns extending from the Atlantic seaboard westward to the Pacific, placing all of them in direct communication with this room in Washington. Tonight, the radio audience is connected with these wires, and the radio listeners may hear the conversations taking place over them. In the event of a national emergency such messages would not be heard by the radio listeners, but would only reach the individuals for whom they were intended."

Gen. Saltzman before closing the exercises Friday night said: "It has been an epoch making event in the history of communication. The department of the 19,000 miles of line received the program at virtually the same instant. The time required for words to travel from San Francisco to Washington or in the reverse direction was only 1-50 of

First Radio World's Fair Shows Changes Taking Place

THE first radio world's fair, at the Madison Square Garden and the Sixty-ninth Regiment Armory, drew greater crowds than ever have been seen at a trade exhibit. The 165 national and 25 foreign manufacturers presented to an enthusiastic crowd of broadcast fans and listeners one of the most complete and comprehensive exhibits of radio apparatus ever gathered.

Every branch of the industry was represented, including the furniture manufacturers. Exhibits range from a binding post to eight-tube superheterodyne in a console cabinet. The majority of the exhibitors were displaying the new fall models at prices that reached a new low mark.

The manufacturers of cabinets have made every effort to design cabinets and consoles that not only are pleasing to the eye, but designs that will fit well into the surroundings of the home. This is an indication that some of the older types of receivers met with resistance from the housewife because of the appearance of the set. Phonographs were displayed which had a large hole cut

in one side to accommodate a specially built radio set. The old goose neck type loud speaker is apparently giving way to the loud speaker concealed in the radio cabinet. Loud speakers which have to be mounted on the set or the table have been made in more pleasing designs.

DX Receivers Missing. One thing lacking in the display of long-distance receivers. Last year the radio manufacturers were competing in long-distance receivers. The new models this fall have not been designed for distance, but rather for good quality and reproduction. The average receiver at the show does not have a range greater than 1000 miles. In reducing the range of a receiver it is also possible to reduce the number of operating controls. The majority of completed receivers on display did not have more than three controls. In many cases receivers have but two controls.

The crystal receiving set is obsolete. Every radio set at the Garden or the Armory was of the vacuum tube type. The leading type of set was the neutrodyne, with the tuned impedance radio

frequency receiver running a close second. Regenerative receivers, which were so popular in previous years, are fast losing favor. This was to be expected because of the difficulty in controlling a receiver of this type. Radio sets equipped with reflex circuits are also gaining in popularity because of the saving in vacuum tubes. A new type of receiver called the Syncrophase was on demonstration. This receiver is equipped with three pairs of tuning coils which resemble a pair of binoculars. The operation of this set is somewhat on the order of a neutrodyne.

B Batteries Eliminated. Another new advance in the industry is a device for the elimination of B batteries. This device is constructed in such a manner that the radio set can be operated from the house lighting socket. Three types were on display at the show. The Apco Rectodyne is a unit which operates on two tubes and eliminates the use of B batteries for the set. It will operate on an alternating current of 110 volts. The advantage of this device is that it improves the quality of the received speech or music

as well as furnishing power for the set. The Super-Ducan is another such device, except that it operates from one tube. However, this single tube has two functions, which makes it equivalent to two tubes. A third unit on display called the Run-A-Radio not only furnishes the B battery for a radio set but it also supplies the power for lighting the tubes. The latter unit makes it necessary for the operator of a radio set to make several changes in the power before it can be adapted, whereas the Apco and Super-Ducan unit only requires attachment to the electric light socket. The three units are so designed that it is impossible to operate the set from alternating current supply without receiving any noise from the power lines.

Pyrex Glass Popular. In the new parts on display the use of Pyrex glass was the noticeable feature. The Garod socket has a base entirely made of Pyrex glass. This material is constructed in such a manner that when it is screwed to a base it will not crack nor break. The electrical efficiency of such a socket is

(Continued on Page 5)

Notables



JOSEPH LITTAU, C. Missouri Orchestral

OUTSTANDING EVENING K S D PROGRAM THIS WEEK

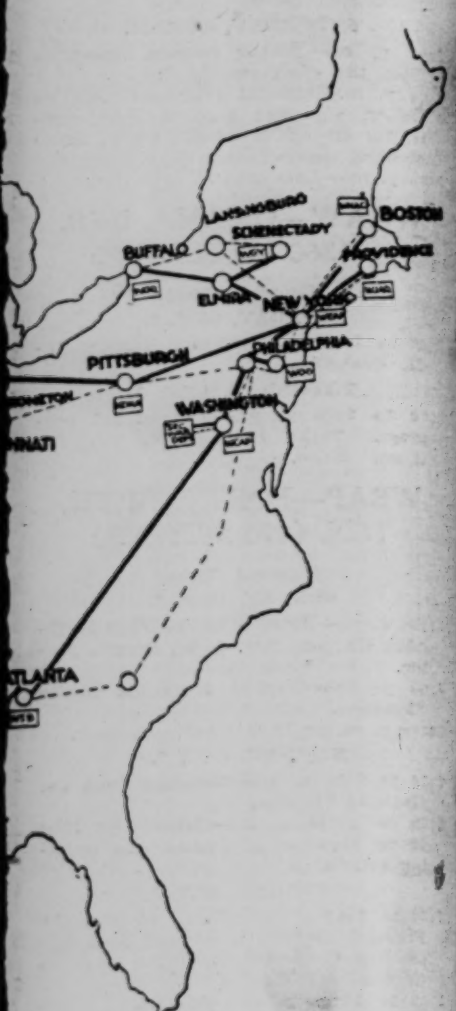
Hoover Speech Will Be From Washington, D. C. Pageant and Ball, and Specialties Will Interest Many Listeners

THE week beginning Sunday will be a gala one in St. Louis according to the forecast of Station KSD. Two of the programs are to be openers and in addition there will be unusual features which come a year. A Sunday afternoon symphony concert which was during October at the Missouri State Theatre, will be given for the benefit of the Red Cross. The program will be conducted by Joseph Littau, orchestral director of the Missouri Theatre. The program will include classical music. This week's program among its numbers "Capriccio" by Tchaikowsky, "The Merry Widow" by Victor Herbert, "Toyland," a jazz group and a number.

The second series to be heard at Jefferson Barracks, Missouri, will be the Sixth Infantry Band in the mess hall at the Barracks, broadcast direct from there, between the concert hall and the Dispatch Radio Station being wires in the same manner as is made with Washington when Station KSD events in those cities. The will take place Friday evening at the Missouri State Theatre, the oldest of the oldest regiments in the United States Army and has a history and romance that sets it apart from many other organizations in the United States. The band is of its band's music, therefore expected, strike a responsive chord in the hearts of Americans who heard.

An especially interesting feature will be an address at Monday, delivered by Herbert Hoover, Secretary of Commerce of the United States, to open the National Conference in Washington. This will be delivered in Washington, St. Louis by long distance wires will be broadcast by Station KSD. The music of the Vellied Pageant and Ball will occupy the evening hours of Tuesday and Wednesday. On Tuesday evening the microphone will be suspended from the studio windows on the side of the Post-Dispatch Building and the music of the parade as the line passes

Attempted



on a second and obviously in order to do the what was required of it the nationwide network had to be in perfect operating condition over every inch of its length throughout every moment of the program.

The stations participating were WCAP Washington, WEAF New York, WOO Philadelphia, WJAR Providence, WNAC Boston, WGY Schenectady, WGR Buffalo, KDKA Pittsburgh, WLW Cincinnati, WGN Chicago, WLAG Minneapolis, KSD St. Louis, WDAF Kansas City, WOAW Omaha, KLZ Denver, KGO Oakland, WSB Atlanta, WFAA Dallas.

Gen. John J. Carty, speaking from the War Department Friday night, introduced the call of the roll of Generals with the following significant paragraph: "To illustrate in a practical manner the functions of communication, I will now call over the long distance wire a number of cities and towns extending from the Atlantic seacoast westward to the Pacific, placing all of them in direct wire communication with this room at Washington. Tonight, the radio stations are connected with these wires, so that the radio listeners may hear the conversations taking place over them. In the event of a national emergency such messages would not be heard by the radio listeners, but would only reach the individuals for whom they were intended."

Gen. Saltzman before closing the exercises Friday night said: "It has been an epoch making event in the history of communication. The department desires me to express its appreciation to the American Telephone and Telegraph Co. and its Associated Bell companies for all that they have done to make this possible tonight."

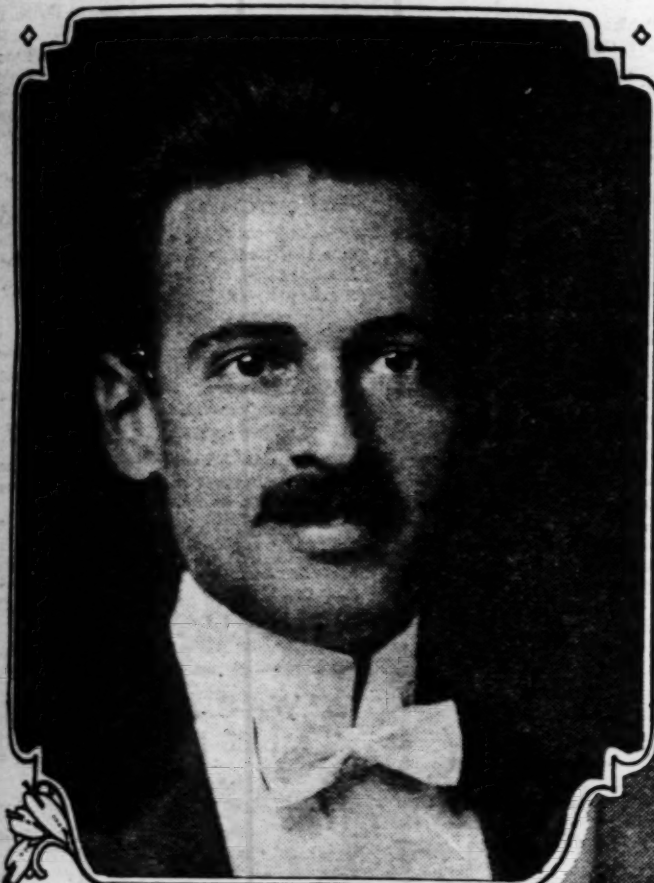
Taking Place

as well as furnishing power for the set. The Super-Ducon is another such device, except that it operates from one tube. However, this single tube has two filaments, which makes it equivalent to two tubes. A third unit on display called the Run-A-Radio not only furnishes the B battery for a radio set but it also supplies the power for lighting the tubes. The latter unit makes it necessary for the operator of a radio set to make several changes in the receiver before it can be adapted, whereas the Apco and Super-Ducon unit only need attachment to the electric light socket. The three units are so designed that it is impossible to operate the set from an alternating current supply without receiving any noise from the power line.

Pyrex Glass Popular.
In the new parts on display the use of Pyrex glass was the noticeable feature. The Garod socket has a base entirely made of Pyrex glass. This socket is constructed in such a manner that when it is screwed to a baseboard it will not crack nor break. The electrical efficiency of such a socket is

(Continued on Page 8)

Notables to Be Broadcast by KSD During the Coming Week



JOSEPH LITTAU, Conductor
Missouri Orchestra

OUTSTANDING EVENTS ON KSD PROGRAMS THIS WEEK

Hoover Speech Will Be Broadcast From Washington, D. C.—V. P. Pageant and Ball, and Theater Specialties Will Interest Many Listeners.

THE week beginning Sunday, Oct. 5, will be a gala one in broadcasting according to the forecast of the programs of Station KSD. Two new series of concerts are to be opened this week, and in addition there will be several unusual features which come only once a year. A Sunday afternoon series of symphony concerts which will continue during October at the Missouri Theater given for the benefit of the Kresl and Babes' Milk fund of the Post-Dispatch, will be opened Sunday, Oct. 5, the program being scheduled to start at 4 p. m. This will be presented by the Missouri Concert Orchestra augmented by 12 artists from the St. Louis Symphony Orchestra, and will be conducted by Joseph Littau, orchestral director of the Missouri Theater. The program for these concerts will include classical and popular music. This week's program has among its numbers "Capriccio Italian" of Tchaikovsky, "The March of the Toys" from Victor Herbert's "Babes in Toyland," a jazz group and several other numbers.

The second series to be opened will be at Jefferson Barracks, Missouri, given by the Sixth Infantry Band in the amusement hall at the Barracks, and will be broadcast direct from there, connection between the concert hall and the Post-Dispatch Radio Station being made by wires in the same manner that connection is made with Washington or New York when Station KSD broadcasts events in those cities. These concerts will take place Friday evenings through the winter. The Sixth Infantry is one of the oldest regiments in the United States Army and has a history of glory and romance that sets it apart from many other organizations in the service of the United States. The broadcasting of its band's music, therefore, will, it is expected, strike a responsive chord in the hearts of Americans wherever it is heard.

An especially interesting feature of the week will be an address at 7 p. m. on Monday, delivered by Herbert Hoover, Secretary of Commerce of the United States, to open the National Radio Conference in Washington. This address will be delivered in Washington and sent to St. Louis by long distance wires and then will be broadcast by Station KSD.

The music of the Veiled Prophet street pageant and ball will occupy the broadcasting hours of Tuesday and Wednesday evenings. On Tuesday evening a symphony will be suspended from the KSD studio windows on the Olive Street side of the Post-Dispatch Building and will pick up the music of the hands in the parade as the line passes the build-

Left—Joseph Littau, conductor of the Missouri Theater Concert Orchestra which will give a series of Sunday afternoon concerts of symphonic and popular music, to be broadcast by Station KSD. Right—Eva Olivetti, soprano, appearing at the New Grand Central Theater all week. Below—Herbert Hoover, Secretary of Commerce, whose address in Washington, D. C. Monday night will be relayed by land lines and radiated by KSD.



MISS EVA OLLIVETTI, Soprano
Grand Central



HERBERT C. HOOVER

ing. Also, the noise and jollity of the street crowd will be broadcast to the world, and thus listeners hundreds of miles away from St. Louis will be able to get an accurate mental picture of the carnival which St. Louis enjoys each October. As a preliminary to this parade, however, His Mysterious Majesty, the Veiled Prophet, has designated one of his courtiers to make a radio address. This gentleman will describe the Veiled Prophet Carnival and will tell in detail what the street pageant with its 20 floats is depicting. Thus making the spectacle all the more realistic to those who hear it from a distance.

On this evening, also, there will be an address in the studio by Verne Reynolds, vice presidential candidate of the Socialist-Labor party.

The Veiled Prophet Ball music will be broadcast on Wednesday night. This will include the music of the 15-piece orchestra which will play during the assembling of the Court of Honor and the coronation of the Queen, and for the entertainment given prior to the coronation. Following the coronation, dance music by Rodemich's Orchestra will be played continuously for the remainder of the evening. Gene Rodemich, himself, will conduct both orchestras. "A Neapolitan Night," which will consist of songs by Eva Olivetti, soprano;

Roy Dietrich, tenor; Willard Andelin, bass, and other soloists, will be presented at the Grand Central Theater this week and will be broadcast tomorrow night. The sketch is by Ralph Nichols and the music is of characteristically Italian type. In addition Andelin will sing the old negro melody, "Massa's in the Cold, Cold Ground."

Beginning today this station will broadcast the World Series baseball games. These will be broadcast play by play. Play is scheduled to begin at 1 p. m. St. Louis time.

Holes in Horn Improve Loud Speaker.

AN ORIGINAL suggestion comes from an amateur in Southern France regarding the improvement of a loud speaker if the effects of resonance are too marked in the horn. Some loud speakers are inclined to accentuate certain tones above others, thus ruining otherwise perfectly good reception. The way to diminish this trouble, says the investigator, is to pierce holes along the length of the horn; at the half-way point, the quarter point, and the eighth-point; distances being measured outward from the narrow end of the horn.

Worcester, Mass.
Your program last night at 11:30 was fine.
H. M. SAWYER.

Sellers, La.
Your concert was heard three blocks away through the loud speaker.
J. N. P. HEBERT.

Kenner, La.
Enjoyed your program last evening. In fact, have all this summer. The static was bad, but we could always tune in on KSD.
DR. AND MRS. J. S. KOPFLER.

Tanawka, Pa.
I enjoyed your program on Wednesday, September 24. The music and recital was fine.
W. J. ROBINSON.

New York, N. Y.
Vocal selections, especially Die Lorelei, also instrumental selections highly appreciated.
EMANUEL HAUG.

Camden, N. J.
Just a line to let you know I enjoy your station here in Camden. One of the songs I heard and liked real well was Still as the Night.
JOHN HAZARD.

Trenton, Ont.
Your concert of the 24th came in loud and clear on speaker. Those present enjoyed your station and it was the best I have heard for some time. The artists all deserve praise. The announcer's voice was as distinct as I have ever heard.
E. G. WEEKS.

Manbar, W. Va.
We hear you real often and take this opportunity of sending our thanks to you.
REV. J. B. F. YOKAK JR.

Nashville, Tenn.
I always enjoy your programs every time your station is in the air. Keep the good work going.
JAS. H. BROWN.

Pittsburgh, Pa.
Your station was one of the first stations I heard two years ago.
N. HAMILTON.

Philadelphia, Pa.
All of your programs are of fine and up-to-the-minute type.
DE FOREST L. PERKINS.

Trenton, N. J.
We can hardly thank you for the hours of beautiful pastime we have had for several nights past listening to your broadcasting. It is to us truly wonderful, being so far away.
MISS HELEN GODOWN.



RADIO PROGRAMS FOR THE WEEK—Continued

senting Miss Elizabeth Gay Jones, pianist.
11:00 to 12:00—Adolphus Hotel Orchestra.

WGR—BUFFALO, N. Y. (319 METERS)

(Eastern Time.)

SUNDAY, OCT. 5.

7:20 p. m.—Preservice organ recital, Wm. Wall Whiddit, organist.
7:30 p. m.—Evening service, Central Church (Presbyterian).

MONDAY, OCT. 6.

6:30 p. m.—Vincent Lopez Hotel Statler dinner music.
9:00 p. m.—Concert program by Seebert-Hofheins, Inc.

TUESDAY, OCT. 7.

6:00 to 7:30 p. m.—Dinner music, Hall-Prud Stringed Quartette, through the courtesy of Hall Baking Co.

WEDNESDAY, OCT. 8.

6:30 p. m.—Vincent Lopez Hotel Statler dinner music.
9:00 p. m.—Concert program by the Argo Musical Club, direction of Frances Cady.

THURSDAY, OCT. 9.

6:00 to 7:30 p. m.—Dinner music, Hall-Prud Stringed Quartette.

FRIDAY, OCT. 10.

6:30 p. m.—Vincent Lopez Hotel Statler dinner music.
8:45 p. m.—Address, "Your Responsibility as a Voter," by Mrs. Chauncey Hamlin, Erie County League of Women Voters.

9:00 p. m.—Program given under direction of Mr. F. G. Blacklock.

SATURDAY, OCT. 11.

6:00 to 7:30 p. m.—Dinner music, Hall-Prud Stringed Quartette.

WGY—SCHENECTADY, N. Y. (380 METERS)

(Eastern Time.)

SUNDAY, OCT. 5.

7:30 p. m.—Service of the Madison Avenue Reformed Church, Albany, N. Y.

MONDAY, OCT. 6.

7:45 p. m.—Program by the WGY Orchestra, assisted by Lillian Rosenthal, soprano.

TUESDAY, OCT. 7.

7:00 p. m.—Dinner music.
7:45 p. m.—Address, "How to Produce Amateur Plays," by Barrett H. Clark.
8:00 p. m.—Program by the WGY Orchestra.

THURSDAY, OCT. 9.

7:45 p. m.—"A Few Moments With New Books," L. L. Hopkins.
8:00 p. m.—Radio drama, "The New Poor," by Cosmo Hamilton, presented by the WGY Players.

11:20 p. m.—Organ recital by Stephen E. Boisclair, from Proctor's Harmanus Blecker Hall, Albany, N. Y.

FRIDAY, OCT. 10.

7:45 p. m.—Program by the Remington Typewriter Band.

SATURDAY, OCT. 11.

8:30 p. m.—Dance music and popular songs; football results.

WHAS—LOUISVILLE, KY. (400 METERS)

(Central Time.)

SUNDAY, OCT. 5.

4:00 to 5:00 p. m.—Concert by the Eel Canto Mixed Quartette.

MONDAY, OCT. 6.

4:00 to 5:00 p. m.—Selections by the Alamo Theater Orchestra; Harry S. Currie, conductor.

TUESDAY, OCT. 7.

7:30 to 9:00 p. m.—Concert by Carl Zoeller's Melodists.

WEDNESDAY, OCT. 8.

7:30 to 9:00 p. m.—Concert by Rosson's Entertainers of Jeffersonville, Ind. Baritone solos; Addy Britt of New York City.

THURSDAY, OCT. 9.

7:30 to 9:00 p. m.—Concert under auspices of Mrs. John E. Harmon of New Albany, Ind.

FRIDAY, OCT. 10.

7:30 to 9:00 p. m.—Concert by the Instrumental Trio.

SATURDAY, OCT. 11.

7:30 to 9:00 p. m.—One-hour concert by the Sylvian Trio. Baritone solos, Addy Britt of New York City.

WHAZ—TROY, N. Y. (380 METERS)

(Eastern Time.)

MONDAY, OCT. 6.

9:00 p. m.—One-man Minstrel Show by Will H. Wade; entire change of program. Solos and Leavenworth Orchestra.

WHB—KANSAS CITY, MO. (411 METERS)

(Central Time.)

SUNDAY, OCT. 5.

9:15 to 11:00 a. m.—Sunday morning services from the Linwood Christian Church.

8:00 to 9:15 p. m.—Evening services from the Westport M. E. Church, Fortieth and Washington.

MONDAY, OCT. 6.

7:00 to 8:00 p. m.—Sweeney Radio Trio selections. Address, Ernest B. Hyde.

TUESDAY, OCT. 7.

8:00 to 9:00 p. m.—Special program of songs and readings by the Kansas City James Whitcomb Riley Club, arranged by Dr. Moses T. Runnels, president.

9:00 to 10:00 p. m.—Dance music by Sweeney Radio Orchestra.

7:00 to 8:00 p. m.—Address, "Fire Protection," by "Shammas O'Shell," member of the National Fire Protection Association. Sweeney Radio Trio selections.

FRIDAY, OCT. 10.

7:00 to 8:00 p. m.—Instrumental solos and trios, Sweeney Radio Trio. Weekly W. C. T. U. address. Address by William Buckholz, president Fire and Water Board, "Fire Protection Week."

SATURDAY, OCT. 11.

8:00 to 9:30 p. m.—Special Christian Science services.

WIP—PHILADELPHIA, PA. (509 METERS)

(Eastern Time.)

SUNDAY, OCT. 5.

10:45 a. m.—Morning service broadcast direct from the Holy Trinity Church, Rittenhouse Square, Philadelphia. Rev. Floyd W. Tomkins, D. D., rector.

TUESDAY, OCT. 7.

8 p. m.—WIP Magazine of the Air.
10:05 p. m.—Behind the screen with screen folk—Talk by E. M. Orowitz.
10:30 p. m.—Dance music by Harvey Marburger and his vaudeville orchestra, broadcast direct from Cafe L'Aliglon.

THURSDAY, OCT. 9.

3 p. m.—"Timely Talks to Motorists," by Gene Hogle, secretary of the Automobile Club of Philadelphia.
8:15 p. m.—Concert by the Philadelphia Police Band under the direction of Lieut. Joseph Kiefer, broadcast direct from the police band room.

9 p. m.—"The Advent of the Pleasure Horse—And the Philadelphia Horse Show," talk by A. K. Johnson.
9:15 p. m.—Recital by Eleanor Moore Shute, contralto; Louis Shrank, baritone; Flora Ripka, accompanist.

10:05 p. m.—Dance music by Harvey Marburger and his vaudeville orchestra, broadcast direct from Cafe L'Aliglon.

SATURDAY, OCT. 11.

8 p. m.—The Ballet and Its Development in America, talk by Florence Cowanova.
8:15 p. m.—Al Zensay and his orchestra in a symphonic dance program.

9 p. m.—The Mason-Hefflin male quartette, assisted by Natalia Heider, pianist; Flora Ripka, accompanist.
10:05 p. m.—Dance music by the Hotel St. James dance orchestra, broadcast direct from the Hotel St. James.

11:05 p. m.—Organ recital by Karl Bonawitz, broadcast direct from the Germantown Theater.

WJAX—CLEVELAND, O. (390 METERS)

(Eastern Time.)

TUESDAY, OCT. 7.

8:00 p. m.—Hotel Cleveland Orchestra. Program under direction of Francis J. Saddler.

THURSDAY, OCT. 9.

8:00 p. m.—Syl Lundberg's Dance Orchestra. Harmony Male Quartet, organ recital by Robert Jones.

WJY—NEW YORK, N. Y. (405 METERS)

(Eastern Time.)

SUNDAY, OCT. 5.

8:30 p. m.—Specialty numbers.

TUESDAY, OCT. 7.

7:30 p. m.—Leonard Nelson's Knickerbocker Grill orchestra.
8:15 p. m.—"Current Events," by Prof. Rufus D. Smith of New York University.

9 p. m.—Talk under the auspices of the National Republican Committee.

THURSDAY, OCT. 9.

7:30 p. m.—Berlitz Weekly French lesson.
8 p. m.—Wanamaker organ recital.
9 p. m.—Al Reiser's Club Ferrer orchestra.

FRIDAY, OCT. 10.

7:30 p. m.—Billy Wynne's Greenwich Village Inn orchestra.
8:55 p. m.—"Income Taxes," by Frank Shevit.
9:15 p. m.—Democratic National Committee talk.

WJZ—NEW YORK, N. Y. (455 METERS)

(Eastern Time.)

SUNDAY, OCT. 5.

7 p. m.—Nathan Abas' Hotel Pennsylvania orchestra.
8:30 p. m.—Jack Silverstein, violinist; Robert Gray, accompanist.

MONDAY, OCT. 6.
8:10 p. m.—"Philosophy of Nutrition," by Prof. Alfred W. McCann.
8:30 p. m.—Opening exercises of New York University Air College, direct from Washington Square.

9:30 p. m.—Piedmont Trio.
10 p. m.—Piedmont Trio.
10:45 p. m.—Jacques Green and His Club Deauville orchestra, with Clark's Deauville Hawaiians.

TUESDAY, OCT. 7.

7:15 p. m.—Hotel Vanderbilt orchestra.
8:10 p. m.—Prof. Charles V. D. Magoffin, president Archeological Institute of America, "Facts, Fancies and Figures of Archeology."

9:30 p. m.—"University of the Air" talk.
9:45 p. m.—Estey organ recital.
11 p. m.—Roger Wolfe's Baltimore Cascades orchestra.

WEDNESDAY, OCT. 8.

7 p. m.—Irving Selzer's Cafe Boulevard orchestra.
8:10 p. m.—Charles V. D. Magoffin, president Archeological Institute of America, "Facts, Fancies and Figures of Archeology."

8:30 p. m.—Talk under the auspices of the Democratic National Committee.
8:45 p. m.—"Modern Airplane," by Prof. Alex. Klemin.
9:05 p. m.—Piano recital by Alexander Brachocki, direct from Aeolian Hall.

10:30 p. m.—Greenwich Village Inn orchestra.

THURSDAY, OCT. 9.

7 p. m.—Bernhard Levitov's Hotel Commodore orchestra.
8:10 p. m.—Prof. Charles V. D. Magoffin, president Archeological Institute of America, "Facts, Fancies and Figures of Archeology."

8:30 p. m.—May Singli Breen, banjo.
8:50 p. m.—"Chats with the Editor," by Ernest A. Zadi.
9 p. m.—May Singli Breen, banjo.

9:15 p. m.—U. S. Army night; "Bonus" by Gen. Robert B. Davis; music by the Sixteenth Infantry Band.

SATURDAY, OCT. 11.

7 p. m.—Waldorf-Astoria Dance orchestra.
9 p. m.—"The Cost to Business of Stolen Mail," by Owen A. Keen of the New York Board of Trade and Transportation.

10:30 p. m.—Hotel Astor Dance orchestra.

WLAG—MINNEAPOLIS, MINN. (417 METERS)

(Central Time.)

MONDAY, OCT. 6.

8 p. m.—Fire Prevention Talk.
8:10 p. m.—Organ recital from Plymouth Church. Hamlin Hunt, organist.

TUESDAY, OCT. 7.
6:30 p. m.—Lecture.
7:30 p. m.—Nankin Cafe Orchestra.

WEDNESDAY, OCT. 8.
6:30 p. m.—Dinner concert. Dick Long's Nankin Cafe Orchestra.
7:30 p. m.—Fire Prevention Talk. "Man's Fight Against Disease," Dr. W. R. Foley.

9 p. m.—Dick Long's Nankin Cafe Orchestra. Ione Seebick, mezzo-soprano. Edna Lee, contralto. Bernice Lund, accompanist.

THURSDAY, OCT. 9.

6:30 p. m.—Dinner concert. Sam Heiman's Golden Pheasant Orchestra.
7:30 p. m.—Feed talk; Fire Prevention talk.
10 p. m.—Hoo Hoo Orchestra. Hoo Hoo Glee Club.

FRIDAY, OCT. 10.
6:30 p. m.—Dinner concert. Sam Heiman's Golden Pheasant Orchestra.
8 p. m.—Fire Prevention talk.
8:30 p. m.—Barrett's Band, B. J. Barrett, director.

SATURDAY, OCT. 11.

8 p. m.—Fire Prevention talk.
8:30 p. m.—Imperial Quartet. Helen L. Anderson, pianist.
11 p. m.—Sam Heiman's Golden Pheasant Orchestra.

WLS—CHICAGO, ILL. (345 METERS)

(Central Time.)

TUESDAY, OCT. 7.

6:30 p. m. to midnight—Pipe organ recital; orchestral music; lullaby time; farm talks, "Inquisitive Broadways," Shakespeare's Macbeth.

WEDNESDAY, OCT. 8.

6:30 p. m. to 10:40 p. m.—Pipe organ recital; lullaby time; orchestra music; poem period by Sadder.

THURSDAY, OCT. 9.

6:30 p. m. to midnight—Pipe organ recital; orchestral music; lullaby time; light opera; Midnight Mardi Gras.

FRIDAY, OCT. 10.

6:30 p. m. to 10:40 p. m.—Pipe organ recital; lullaby time; orchestral music; farm talks; drama.

SATURDAY, OCT. 11.

8:00 p. m. to 1:00 a. m.—Mardi Gras barn dance; musical features.

WLW—CINCINNATI, O. (423 METERS)

(Central Time.)

SUNDAY, OCT. 5.

7:45 p. m.—Services of the First Presbyterian Church.
8:45 p. m.—Concert by the Women and Southern Orchestra.

MONDAY, OCT. 6.

8:00 p. m.—Popular program by the Roehr's Music Makers.
8:45 p. m.—Songs by Norma Hight with accompaniments by Eugene Eckert.
9:55 p. m.—Concert program by Cooper Corporation Orchestra and His Quartet.

9:45 p. m.—Making of record by the famous Bernie Cummins' Orchestra.

TUESDAY, OCT. 7.

10:00 p. m.—Bernie Cummins and his orchestra.
10:10 p. m.—The Ohio Rubber Mah Quartet.

11:55 p. m.—Special midnight program by the Chubb's-Steinberg Orchestra.

WEDNESDAY, OCT. 8.
8:00 p. m.—The Virginia Entertainers.
9:00 p. m.—Band concert and entertainment by the Formica Band.

THURSDAY, OCT. 9.
10:00 p. m.—Three-minute message from the United States Civil Service.
10:45 p. m.—Popular program and entertainment by the Doherty Music Boys.

10:30 p. m.—Concert program by the Milnor Instrumental Trio. Hon. Senator Schultz in comic radio: "Light Out."

WMAQ—CHICAGO, ILL. (447.5 METERS)

(Central Time.)

MONDAY, OCT. 6.

6:00 p. m.—Chicago Theater organ recital.
6:30 p. m.—Hotel La Salle Orchestra.

TUESDAY, OCT. 7.
6:00 p. m.—Chicago Theater organ recital.
6:30 p. m.—Hotel La Salle Orchestra.

WEDNESDAY, OCT. 8.
6:00 p. m.—Chicago Theater organ recital.
6:30 p. m.—Chicago Rapid Transit Band.

THURSDAY, OCT. 9.
6:00 p. m.—Chicago Theater organ recital.
6:30 p. m.—Hotel La Salle Orchestra.

FRIDAY, OCT. 10.
6:00 p. m.—Chicago Theater organ recital.
6:30 p. m.—Hotel La Salle Orchestra.

SATURDAY, OCT. 11.
6:00 p. m.—Chicago Theater organ recital.
6:30 p. m.—Hotel La Salle Orchestra.

SUNDAY, OCT. 5.
1:30 p. m.—Orchestra concert. 8 and classical numbers by the Pe School Radio Orchestra.

3:00 p. m.—Church service. Rev. H. H. Hilton, pastor First Baptist Church, Galva, Ill.

6:30 p. m.—Musical program. The Pe School Radio Orchestra, I. Swindell, conductor.

MONDAY, OCT. 6.
8:00 p. m.—Musical program. Be Hanley, pianist; Wilbur Timmer, violinist; Dorothy Smith, soprano.

WEDNESDAY, OCT. 8.
8:00 p. m.—Organ recital from the J. Palmer residence. Erwin Swindell, organist; Dorothy Sanderson, pianist.

THURSDAY, OCT. 9.
8:00 p. m.—Organ program, the Pe School Radio Orchestra.

FRIDAY, OCT. 10.
8:00 p. m.—Musical program. Program by Ralph Jaenicke and his orchestra, of Clinton, Ia.

SATURDAY, OCT. 11.
8:00 p. m.—Orchestra program, the Pe School Radio Orchestra.

WRC—WASHINGTON, D.
(469 METERS)

(Eastern Time.)

TUESDAY, OCT. 7.

8:00 p. m.—Song recital by Evelyn Bon, soprano.
9:15 p. m.—Violin recital by Ellen art.

9:30 p. m.—"Do Your Feelings You," by Mabel Dill.
10:00 p. m.—"The Political Situation Washington," by Frederick W. Wile.
10:30 p. m.—Concert by Irving B.

RADIO PROGRAMS

9:00 p. m.—Weekly Balaban Chicago Theater review.

WMC—MEMPHIS, TENN. (500 METERS)

(Central Time.)

MONDAY, OCT. 6.

8:30 p. m.—Fred Hughes, tenor, the Hotel Gayoso Orchestra.

TUESDAY, OCT. 7.
8:30 p. m.—Program arranged by Maude Mooreland and Fred Hughes.
11:00 p. m.—Organ recital by H. Nichols, radiocast from the St. Rita Cathedral.

THURSDAY, OCT. 9.
8:30 p. m.—Program by the Chicago Theater Orchestra.

FRIDAY, OCT. 10.
8:30 p. m.—Britling's Cafeteria Orchestra in weekly concert.
11:00 p. m.—Midnight Frolic by Hughes.

SATURDAY, OCT. 11.
8:30 p. m.—Program by the Memphis Orchestra and Fred Hughes.

WOAW—OMAHA, NEB. (526 METERS)

(Central Time.)

SUNDAY, OCT. 5.

9:00 p. m.—Musical chapel at Trinity Lutheran Church.

MONDAY, OCT. 6.
6:00 p. m.—Dramatic hour, David of Expression.
6:30 p. m.—Dinner program, Royal Orchestra.
9:00 p. m.—De Luxe program, dance orchestra.

TUESDAY, OCT. 7.
6:25 p. m.—Dinner program by Mandolin Musicians.
9:00 p. m.—Program by courtesy of Knights of Columbus.

THURSDAY, OCT. 9.
12 p. m.—Midnite Wow! Frolic.

FRIDAY, OCT. 10.
6:00 p. m.—Dinner program, G. Radio Orchestra.
9:00 p. m.—Musical program under auspices of the Lightening Educational Committee. Music furnished by Nebraska Power Co. Orchestra Quartet.

12:00 p. m.—Midnite Wow! Frolic.

WOC—DAVENPORT, IOWA
(484 METERS)

(Central Time.)
SUNDAY, OCT. 5.
1:30 p. m.—Orchestra concert. 8 and classical numbers by the Pe School Radio Orchestra.

3:00 p. m.—Church service. Rev. H. H. Hilton, pastor First Baptist Church, Galva, Ill.

6:30 p. m.—Musical program. The Pe School Radio Orchestra, I. Swindell, conductor.

MONDAY, OCT. 6.
8:00 p. m.—Musical program. Be Hanley, pianist; Wilbur Timmer, violinist; Dorothy Smith, soprano.

WEDNESDAY, OCT. 8.
8:00 p. m.—Organ recital from the J. Palmer residence. Erwin Swindell, organist; Dorothy Sanderson, pianist.

K—Continued

SATURDAY, OCT. 11.
8 p. m.—Fire Prevention talk.
8:30 p. m.—Imperial Quartet. Helen L. Anderson, pianist.
11 p. m.—Sam Heiman's Golden Pheasant Orchestra.

WLS—CHICAGO, ILL.
(345 METERS)

(Central Time.)
TUESDAY, OCT. 7.

6:30 p. m. to midnight—Pipe organ recital; orchestral music; lullaby time; farm talks. "Inquisitive Broadcaster," Shakespeare's Macbeth.

WEDNESDAY, OCT. 8.
6:30 p. m. to 10:40 p. m.—Pipe organ recital; lullaby time; Lone Scouts; Boys' and Girls' hour; orchestral music; poem period by Sandler.

THURSDAY, OCT. 9.
6:30 p. m. to midnight—Pipe organ recital; orchestral music; lullaby time; light opera: Midnight Mardi Gras.

FRIDAY, OCT. 10.
6:30 p. m. to 10:40 p. m.—Pipe organ recital; lullaby time; orchestral music; farm talks; drama.

SATURDAY, OCT. 11.
8:00 p. m. to 1:00 a. m.—Mardi Gras; barn dance; musical features.

WLW—CINCINNATI, O.
(423 METERS)

(Central Time.)
SUNDAY, OCT. 5.

7:45 p. m.—Services of the First Presbyterian Church.

8:45 p. m.—Concert by the Western and Southern Orchestra.

MONDAY, OCT. 6.

8:00 p. m.—Popular program by Alvin Roeh's Music Makers.

8:45 p. m.—Songs by Norma Richter, with accompaniments by Eugene Eckerle.

8:55 p. m.—Concert program by Cooper Corporation Orchestra and Male Quartet.

9:45 p. m.—Making of record by the famous Bernice Cummins' Orchestra.

TUESDAY, OCT. 7.

10:00 p. m.—Bernice Cummins and his orchestra.

10:10 p. m.—The Ohio Rubber Male Quartet.

11:55 p. m.—Special midnight program by the Chubb-Steinberg Orchestra.

WEDNESDAY, OCT. 8.

8:00 p. m.—The Virginia Entertainers.

8:30 p. m.—Band concert and entertainment by the Formica Band.

THURSDAY, OCT. 9.

10:00 p. m.—Three-minute message from the United States Civil Service.

10:02 p. m.—Popular program and entertainment by the Doherty Melody Boys.

10:50 p. m.—Concert program by the Miller Instrumental Trio. Hon. Senator Schultz in comic radio: "Lights Out."

WMAQ—CHICAGO, ILL.
(447.5 METERS)

(Central Time.)
MONDAY, OCT. 6.

6:00 p. m.—Chicago Theater organ recital.

6:30 p. m.—Hotel La Salle Orchestra.

TUESDAY, OCT. 7.

6:00 p. m.—Chicago Theater organ recital.

6:30 p. m.—Hotel La Salle Orchestra.

9:15 p. m.—Chicago Rapid Transit Band.

WEDNESDAY, OCT. 8.

6:00 p. m.—Chicago Theater organ recital.

8:00 p. m.—Weekly lecture from Northwestern University. Prof. Andrew Bruce, "The Wave of Lawlessness in America."

8:30 p. m.—WMAQ "play-night" under direction of William Ziegler Nourse.

9:15 p. m.—Hilred Hanson Hostetter, soprano.

THURSDAY, OCT. 9.

6:00 p. m.—Chicago Theater organ recital.

6:30 p. m.—Hotel La Salle Orchestra.

8:00 p. m.—First of a series of talks from the Western railways.

9:00 p. m.—University of Chicago.

9:15 p. m.—The Whitney Trio.

FRIDAY, OCT. 10.

6:00 p. m.—Chicago Theater organ recital.

6:30 p. m.—Hotel La Salle Orchestra.

8:00 p. m.—Wide-Awake Club program, directed by Mrs. Frances M. Ford.

8:30 p. m.—Musical geography by Mr. and Mrs. Marx E. Oberdorfer.

9:00 p. m.—Program from Waukegan, Ill.

SATURDAY, OCT. 11.

6:30 p. m.—Hotel La Salle Orchestra.

8:00 p. m.—Salvation Army Band.

8:40 p. m.—Travel lecture, Dr. Max Henius, Scandinavia.

RADIO PROGRAMS FOR THE WEEK—Continued

9:30 p. m.—Weekly Babylon & Katz Chicago Theater review.

WMC—MEMPHIS, TENN.
(500 METERS)

(Central Time.)
MONDAY, OCT. 6.

8:30 p. m.—Fred Hughes, tenor, and the Hotel Gayoso Orchestra.

TUESDAY, OCT. 7.

8:30 p. m.—Program arranged by Miss Maude Mooreland and Fred Hughes, tenor.

11:00 p. m.—Organ recital by Harry O. Nichols, radiocast from the Scottish Rite Cathedral.

THURSDAY, OCT. 9.

8:30 p. m.—Program by the Chisca Hotel Orchestra.

FRIDAY, OCT. 10.

8:30 p. m.—Bridling's Cafeteria Novelty orchestra in weekly concert.

11:00 p. m.—Midnight Frolic by Fred Hughes.

SATURDAY, OCT. 11.

8:30 p. m.—Program by the Memphis spectrum Orchestra and Fred Hughes, tenor.

WOAW—OMAHA, NEB.
(526 METERS)

(Central Time.)
SUNDAY, OCT. 5.

8:30 p. m.—Musical chapel service, Trinity Lutheran Church.

MONDAY, OCT. 6.

8:30 p. m.—Dramatic hour, Davis Studio of Expression.

8:30 p. m.—Dinner program, Randall's Royal Orchestra.

8:30 p. m.—De Luxe program, dance orchestra.

TUESDAY, OCT. 7.

8:30 p. m.—Dinner program by May's Mandolin Musicians.

8:30 p. m.—Program by courtesy of the Knights of Columbus.

11:30 p. m.—Midnight Wow! Frolic.

THURSDAY, OCT. 9.

8:30 p. m.—Dinner program, G. R.'s Radio Orchestra.

8:30 p. m.—Musical program under auspices of the Lightning Educational Committee. Music furnished by the Nebraska Power Co. Orchestra and Quartet.

11:30 p. m.—Midnight Wow! Frolic.

FRIDAY, OCT. 10.

8:30 p. m.—Dinner program by Ted's Dance Orchestra of Seward, Neb.

8:30 p. m.—Community program, Seward, Neb. Municipal Band and soloists, arranged by D. M. Hildebrand.

SATURDAY, OCT. 11.

8:30 p. m.—Dinner program, Girls' Tech Hi Quartet.

8:30 p. m.—Program by First Christian Church Orchestra.

11:30 p. m.—Wow! Frolic.

WOC—DAVENPORT, IOWA
(484 METERS)

(Central Time.)
SUNDAY, OCT. 5.

8:30 p. m.—Orchestra concert. Sacred and classical numbers by the Palmer School Radio Orchestra.

8:30 p. m.—Church service, Rev. C. E. Hilt, pastor First Baptist Church, Galva, Ill.

8:30 p. m.—Musical program. The Palmer School Radio Orchestra, Erwin Swindell, conductor.

MONDAY, OCT. 6.

8:30 p. m.—Musical program. Bernice Bailey, pianist; Wilbur Timmerman, violinist; Dorothy Smith, soprano.

WEDNESDAY, OCT. 8.

8:30 p. m.—Organ recital from the E. J. Palmer residence. Erwin Swindell, organist; Dorothy Sanderson, pianist.

THURSDAY, OCT. 9.

8:30 p. m.—Organ program, the Palmer School Radio Orchestra.

FRIDAY, OCT. 10.

8:30 p. m.—Musical program. Program by Ralph Jaenicke and his orchestra, of Clinton, Ia.

SATURDAY, OCT. 11.

8:30 p. m.—Orchestra program, the Palmer School Radio Orchestra.

WRC—WASHINGTON, D. C.
(469 METERS)

(Eastern Time.)
TUESDAY, OCT. 7.

8:00 p. m.—Song recital by Evelyn Gribble, soprano.

8:30 p. m.—Violin recital by Ellen Stuart.

8:30 p. m.—"Do Your Feelings Rule" by Mabel Dill.

8:30 p. m.—"The Political Situation in Washington," by Frederick William.

8:30 p. m.—Concert by Irving Boern.

8:30 p. m.—Sacred chime concert.

LOCAL BROADCASTING NEXT WEEK

K S D—550 KILOCYCLES—546 METERS

World's Series Baseball Games will be broadcast daily, including Sunday, beginning at 1:00 P. M.
SUNDAY, OCT. 5, 1:00 P. M.—Symphony concert by Littau's Orchestra, broadcast direct from the Missouri Theater.

9:30 P. M.—Broadcasting music and specialties direct from Grand Central Theater.
MONDAY, OCT. 6, 7:30 P. M.—Address by Secretary of Commerce, Herbert Hoover, broadcast direct from Washington, D. C.

TUESDAY, OCT. 7, 7:30 P. M.—Broadcasting music from street carnival and parade of the Veiled Prophet. Address by a courtier of his Mysterious Majesty for Vice-President of the United States.
WEDNESDAY, OCT. 8, 7:30 P. M.—Broadcasting music from Veiled Prophet Ball direct from Coliseum.

THURSDAY, OCT. 9, 7:30 P. M.—Concert by Sixth U. S. Infantry Band broadcast direct from Jefferson Barracks, Mo.

FRIDAY, OCT. 10, 7:30 P. M.—Orchestral music and specialties broadcast direct from Missouri Theater.
SATURDAY, OCT. 11, 7:30 P. M.—Orchestral music and specialties broadcast direct from Missouri Theater.

W C K—825 KILOCYCLES—360 METERS

SUNDAY, Oct. 5, 9:30 P. M.—Musical program broadcast from Lee's State Theater.
MONDAY, OCT. 6, Noon—Popular songs by Meyer Levy and Heine Klotz.

8:30 P. M.—Songs by Elmer McDonald. Baseball scores.
8:50 P. M.—The presentation of the Play "A Pair of Sixes," by the St. Luke's Dramatic Society, under direction of Rev. J. M. O'Leary. Address, Ernest H. Kemper, "Fire Prevention Week."

Tuesday, Oct. 7—Noon—Songs by Heine Klotz. Last minute news items.
8:30 P. M.—Piano accordion selections by Leland Ballard. Baseball scores.
Wednesday, Oct. 8, Noon—Hallett and Minier harmony singers. Heine Klotz.

8:30 P. M.—Saxophone, piano and violin trio playing popular selections.
7:30 P. M.—String orchestra program by Miss Inez Evering, Dorothy Evering, Lorine Evering and Max Hurler.
11:30 P. M.—Lee's Night Owl from Lee's State Theater.

Thursday, Oct. 9, Noon—Vocal selections, Miss Florence Hanick, accompanied by Miss Ethel Smith. News items.
8:30 P. M.—Musical program by Six, Bess & Fuller employees. Baseball scores.
8:50 P. M.—Vocal selections by Lawrence Barry, scholarship winner of the Municipal Opera School. Piano selections, Manuel Blanks. Contralto solo, Miss Lucille Mayer. Violin selections, Miss Sylvia Miller. Address, "Better Home Lighting," Marshall Spivey, of the Illinois Light & Power Co.

11:30 P. M.—Dance program by the Raven's Dance Orchestra.
Friday, Oct. 10, Noon—Hallett and Minier Harmony Singers, Heine Klotz. Last minute news items.
8:30 P. M.—Songs by Billy Moss and Elmer McDonald. Baseball scores.

8:30 P. M.—Vocal selections by Lawrence Barry, scholarship winner of the Municipal Opera School. Piano selections, Manuel Blanks. Contralto solo, Miss Lucille Mayer. Violin selections, Miss Sylvia Miller. Address, "Better Home Lighting," Marshall Spivey, of the Illinois Light & Power Co.
Saturday, Oct. 11, 12:30 P. M.—Dance program by the Raven's Dance Orchestra.

8:30 P. M.—Hallett and Minier, harmony singers.
8:00 9:00 P. M.—The Wild Cat Jazz Orchestra. A radio dance program.

W E B—1100 KILOCYCLES—273 METERS

MONDAY, Oct. 6, 10:30 P. M. TO 12 P. M.—Julius Schachter, violinist, Galvin and Diana, novelty musical act. Instrumental. Florence Hanick, popular songs. Dance lessons by Arthur Murray. Fox and Smalley, vaudeville singing, talking and comedy. The musical Sherman, novelty instrumental musical. E. E. Scheetz and his Chase Hotel Orchestra. Bud Fox Studio, pianist and Billy Knight announcer.

WEDNESDAY, OCT. 8, 10:30 P. M. TO 12 P. M.—Jessie Mills, girl whistler. Worth and Gessie, in a vaudeville skit. Chester Gruber, who will present his own version of the political situation of today. Miss Helen Brady, soprano. Popular songs. Dance lessons by Arthur Murray. E. E. Scheetz and his Chase Hotel Orchestra. Bud Fox studio pianist.

THURSDAY, OCT. 9, 10:30 P. M. TO 12 P. M.—Marjorie McMichael, Girl Singer. Elmer McDonald, barytone. Ned Rosenberg, character and comedy singer. Miss Gussie Vernon, popular songs. Miss Ruth Haffels.
SATURDAY, OCT. 11, 10:30 P. M. TO 12 P. M.—Wright and Mason, musical and singing act. Four Melody Monarch Quartet. E. E. Scheetz and his Chase Hotel Orchestra. Bud Fox studio pianist, and Billy Knight, announcer.

W M A Y—1070 KILOCYCLES—280 METERS

SUNDAY, OCT. 5, 11:00 A. M.—Regular services, Kingshighway Presbyterian Church, Rev. H. H. Forsyth, D. D., preaching.
8:00 P. M.—Musical Program.
1. Organ prelude, "Andante" (Sonata in C sharp minor)..... Basil Harwood
2. Offertory, "Lento Moderato"..... Sumner Salter
3. Anthem, "Praise the Lord, All Ye Nations"..... A. Handegger
(Quartet and Karol Klub.)
4. Duet "The Lord Is My Light"..... H. Alexander Mathews
Miss Alma E. Menze, soprano; Mr. O. W. Stone, baritone.

5. Anthem, "Thy Word Is a Lantern Unto My Feet" (Quartet) G. Coleman Young
6. Organ Solo, "Rhapsody"..... Sumner Salter
7. Contralto Solo, "Show Me Thy Ways, O Lord"..... Handel
Mrs. Frances Ruth Eggeling.
8. Anthem "Peace" (from "Existence, Pardon and Peace")..... J. H. Muander
Quartet and Karol Klub.
9. Postlude "Fanfare"..... Jacques Lemmens

K F Q A—1150 KILOCYCLES—261 METERS

SUNDAY, SEPT. 29, 8:00 P. M.—Regular Sunday evening service broadcast from Fourth Church of Christ, Scientist, St. Louis, Mo.

MONDAY, OCTOBER 6.

10 p. m.—Popular program by Cliff Burns' Country Club orchestra; popular songs by Lutz & Kochmeyer; Doyle Wynn, piano.

TUESDAY, OCTOBER 7.

7 p. m.—Hotel Gibson orchestra; Robert M. Visconti, director.
7:30 p. m.—Chime concert; children's stories, Mrs. Behrman.
8 p. m.—Hotel Gibson orchestra.

9 p. m.—Program by Cincinnati College of Music, including violin solos by Eric Sorenstine.

THURSDAY, OCTOBER 9.

10 p. m.—Tenor solos, George Mulhaus.

WRW—TARRYTOWN, N. Y.
(273 METERS)

(Eastern Time.)
MONDAY, OCT. 6.

7:30 p. m.—Musical program.
9:00 p. m.—Concert by the Katonah Fire Department Band. Jimmy Moore.

TUESDAY, OCT. 7.

9:00 p. m.—Piano recital by Ann Putnam. Violin recital by Nicholas Koenig. WRW ensemble. Nicholas Koenig, violinist.

9:00 p. m.—Swanne Dance Orchestra. Popular songs by popular singer.

THURSDAY, OCT. 9.

8:00 p. m.—Musical program.
10:30 p. m.—Arcadian Dance Orchestra.

FRIDAY, OCT. 10.

9:00 p. m.—Musical program.
SATURDAY, OCT. 11.

9:00 p. m.—Musical program to be announced.

WSAI—CINCINNATI, O.
(309 METERS)

SUNDAY, OCTOBER 5.

8 p. m.—Sermonette.
8:10 p. m.—Sacred chime concert.

er; whistling solos, Billy Hobson; piano solos, Miss Edith Sponsler; baritone solo, Sam Pusateri.

SATURDAY, OCTOBER 11.

8 p. m.—Chime concert.
8:15 p. m.—Baritone solo, Geo. Clifford Cook; violin solos, Ora May Ballinger; cornet solo, Miss Virginia Bush; Miss Evelyn Read, piano.

9:20 p. m.—Mixed quartette.
12 p. m.—Midnight Entertainers.
12:30 a. m.—Freda Sanker's New Toot-stool Orchestra.

WSB—ATLANTA, GA.
(429 METERS)

(Central Time.)
SUNDAY, OCT. 5.

5:6—Emory Methodist Church choir.
7:30—Westley Memorial Church service.

MONDAY, OCT. 6.

8:9—Turner's Entertainers, orchestra.
10:45—Charles A. Sheldon organ recital.

TUESDAY, OCT. 7.

8:9—Popular concert.
10:45—Paraphrase of musical comedy, "Oh Boy," by Lyric Theater players.

WEDNESDAY, OCT. 8.

10:45—Grand operatic hour by Signor Emilio Volpi quartet and soloists, featuring Nora Allen.

THURSDAY, OCT. 9.

8:9—Vocal hour by Miss Lily Allen's soloists.
10:45—Georgia Serenaders.

FRIDAY, OCT. 10.

8:9—Travelers' Protective Association entertainment.
10:45—Oglethorpe University Story Petrel Orchestra.

SATURDAY, OCT. 11.

8:9—Porterdale, Ga., old-time string band.
10:45—Journal Hired Help skylark.

WTAM—CLEVELAND, O.
(390 METERS)

MONDAY, OCT. 6.

8 to 10 p. m.—Program by the Music and Drama Department of the Cleveland Y. W. C. A. The WTAM Symphonic Ensemble.

WEDNESDAY, OCT. 8.

8 to 10 p. m.—Comic opera program. No. 2 The Hotel Cleveland Concert Orchestra.

SATURDAY, OCT. 11.

9 to 12 p. m.—Dance program by the Ev. Jones—WTAM Dance Orchestra.

WWJ—DETROIT, MICH.
(517 METERS)

(Eastern Time.)
SUNDAY, OCT. 5.

7:30 p. m.—Services at St. Paul's Episcopal Cathedral, broadcast from the cathedral.

5 p. m.—The Detroit News Orchestra.

MONDAY, OCT. 6.

RADIO ABROAD

Broadcasting in Algeria.

Plans are now being laid for a broadcasting station in Algiers, Algeria, the studio being located in Algiers and connected to the station by ground wire.

Photo Course by Radio.

The Association Generale des Amateurs de T. S. F. in Paris, is giving a series of lectures of amateur photography, broadcast from the P. T. T. station.

Distance by P. T. T.

The administration of the P. T. T. has been conducting a survey of the reports from various parts of the world regarding the reception of their broadcasts and has come to the conclusion, according to a recent statement, that they are heard regularly as far as Cadix, Spain; Saltzbad, Sweden; Zagreb, Yugoslavia and some 1000 miles out to sea.

They have reports of auditions in Toronto and Montreal, Canada, as well as from Amarillo, Tex., and Covington, O., U. S. A.; but they consider these as merely freak receptions, which actually prove little as to the station's power.

Nineteen British Broadcasters.

With the completion of the new relay stations of Nottingham, Stoke-on-Trent, Dundee, and Swansea, the number of broadcasting stations or relay stations belonging to the British Broadcasting Company will number nineteen.

Ship Operators Demand Privileges.

The Association of Ship Operators in France has decided to present to the various maritime companies a series of requests for improvement of their status in their work. They want to be granted among other things, all the prerogatives of ships' officers, besides a system of seniority in promotion, according to length of service, and an increase of salary for cadets and junior operators.

New Voltmeter Invented.

M. C. Gutton, professor of the Faculty of Nancy, and his collaborator, M. Laville, have just described before the Academy of Sciences in Paris a new ultra-sensitive electro-static voltmeter, which promises to be very useful in the measurement of small electric impulses. Using an aluminum band 3 millimeters wide, hung from a quartz "thread," 3 millimeters long, the two savants have an instrument which is easily portable (the mobile part weighing only 15 milligrams), and is highly sensitive.

The movement of a spot of light thrown on a ruler at six feet is ten centimeters for a volt. The sensitivity of the electrometer is about 1-100 of 1 volt, no matter what frequencies are being measured.

First Radio World's Fair Shows Changes Taking Place

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nearly perfect. Manufacturers of variable condensers are also turning to glass for the insulation of the movable plates from the stationary plates. The many new models of variable condensers have had the shape of the plates changed. In many cases the shape of the variable condenser has been changed to eliminate the bunching of stations at the lower ends of the tuning dials. The elimination of this trouble improves the tuning of a set.

A novel exhibit at the show was a dis-

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play of Pyralin panels and dials which are being made by a well-known manufacturer. Pyralin is really a form of celluloid, but tests showed it to be a very good insulator. The finish of the Pyralin panels and dials is a clever imitation of grained wood. This material is made in three colors—black, red, mahogany and brown mahogany. These colors should make a strong appeal to those who desire to build radio sets to harmonize with the furniture in a room.

One of the features of the show was

the radio broadcasting station, which was erected in one of the rooms in the Armory. After the show this station will be moved to the A. H. Grebe building in Jamaica, where regular broadcasting programs will be transmitted. The call letters of the new station are WABC and it will operate on a wavelength of 316 meters. The principal speaker from WABC at the show was Donald MacMillan, the noted explorer, who talked about radio and the Far North lands.

Summing up the outstanding features

of the first Radio World's Fair, manufacturers are discarding long-established receivers for sets that will give better production of voice and music. Speaker engineers have made receivers which are more pleasing to the ear. Nature manufacturers are making receivers that add to the beauty of the set. The designers of parts have made equipment that is more efficient. Engineers have produced devices that are coming more within the reach of the average man's pocket.



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